VDE Prüfbericht / *VDE Test Report*

Prüfbericht Nr. *Report No.*	316419-TL7-1
VDE-Aktenzeichen *VDE File No.*	5022428-9021-0104/316419
Ausstellungsdatum *Date of issue*	2024-03-27
Labor *Laboratory*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Adresse *Address*	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüfort / Adresse *Testing location/ address*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Auftraggeber *Applicant's name*	Motorola Mobility LLC
Auftraggeber Adresse *Applicant's address*	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA
Angewandte Norm(en) *Applied standard(s)*	Motorola W18 V6
	2011/65/EU & 2015/863/EU(RoHS)
	1907/2006/EC § 33 (REACH, SVHC)
	1907/2006/EC Annex XIV (REACH, Authorisation List)
	1907/2006/EC Annex XVII (REACH, List of restrictions)
Art der Prüflinge *Test item description*	**Smart Phone, Model XT2451 Series**
Warenzeichen *Trade Mark*	**Motorola/Lenovo**
Typenbezeichnungen(en) *Type reference(s)*	
Bemessungsdaten *Ratings*	

Zustand des Prüfmusters *Test sample condition*.....:	☒	Unbeschädigtes Prüfmuster *Non-damaged sample*
	Bemerkung / *Remark:*	
Wareneingang Prüfmuster *Sample entry date*.....:	2024-01-25	
Datum der Durchführung der Prüfungen *Date (s) of performance of tests*.....:	2024-01-25 - 2024-03-27	

Geprüft und ausgestellt von: *Tested by*.....:	Annkatrin Kuhl	
Name / *Name,* Unterschrift / *Signature*.....:	(Autorisierung des Prüfberichtes *Authorization of test report*)	
Funktion / *Function*.....:	Prüfingenieur / Testing engineer	
Überprüft von / *Approved by*.....:		
Name / *Name,* Unterschrift / *Signature*.....:	Dr. Michael Riess	
Funktion / *Function*.....:	Fachzertifizierer / *Technical Certification Officer*	

Abschließendes Prüfergebnis ***Final Verdict:***	☒	**P**	☐	**F**
Bemerkung / *Remark*.....:				

Durchgeführte Prüfungen / *Performed tests*			
Abschnitt *Clause*	Prüfanforderungen / *Requirement + Test*	Ergebnis – Anmerkung *Result – Remark*	Beurteilung *Verdict*
	Motorola W18 V6	Substances detected	
	2011/65/EU & 2015/863/EU(RoHS)	Pass	P
	1907/2006/EC § 33 (REACH, SVHC)	Substances detected	No reporting required*
	1907/2006/EC Annex XIV (REACH, Authorisation List)	No Substances detected	
	1907/2006/EC Annex XVII (REACH, List of restrictions)	Substances detected	
Ergänzende Information / *Supplementary information*:			
* According to the kind and extend of the tests performed no reporting is required on the functional unit level.			

Allgemeine Bemerkungen / *General Remarks:*

Konformitätserklärung / *Conformity statement*:

Die VDE-Entscheidungsregel für die Konformitätserklärung entspricht dem IEC Guide 115:2023 /

The VDE decision rule for the statement of conformity is in accordance with IEC Guide 115:2023

Prüf- und Messmittel / *Testing and measuring equipment*:		
Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro XEPOS XC (XC) Inv. No. 1150667 Spectro XEPOS HE (XL) Inv. No. 1150529 Spectro XEPOS HE (XR) Inv. No. 1150796	IEC 62321-3-1:2013
Polymers	Infrared Spectrometry (IR) Bruker ALPHA (IR1) Inv. No. 1150578 Bruker INVENIO S (IR2) Inv. No. 1150787	Inhouse Method SOP TL72 0214 Version 1
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-1:2015
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-2:2017
Pb, Br Localization	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro Midex (M1) Inv. No. 1150728 Spectro Midex (M2) Inv. No. 1150284 Spectro Midex (M3) Inv. No. 1150774 Spectro Midex (M4) Inv. No. 1150776 Bruker M4 Tornado Inv. No. 1150719	IEC 62321-1:2013 IEC 62321-2:2021
REACH SVHC / Annex XIV / Annex XVII Substances screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse method according to DIN TS 51012:2020-4
REACH SVHC / Annex XIV / Annex XVII Substances Headspace screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (HS-GC2) Inv. No. 5211104	Inhouse method according to DIN TS 51012:2020-4
Phthalates	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse Method
PAH	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	AfPS GS 2019:01 PAK IEC 62321-10/CD

SCCP, HBCDD	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095	Inhouse method according to DIN TS 51012:2020-4

Contents Directory

1 Description of the Sample (EUT)

Type of EUT:	Product as mentioned on page 1
Model:	
Serial number:	

2 Assessment summary of substances according to 12G02897W18

2.1 Global Compliance Acceptance Criteria (banned and controlled Substances)

Substances	Results
Asbestos, asbestos compounds	For indicator elements Al and Si see chapter 3 [1)]
Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (“BNST”)	n.t.
Chlorofluorocarbons and halons (Class I and II Ozone Depleting Chemicals) [1]	For indicator element Cl see chapter 3 [1)]
Halogenated dioxins and furans	For indicator element Cl and Br see chapter 3 [1)]
Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF6)	n.t.
Mercury and Mercury Compounds	n.d. see chapter 3
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-imethylethyl)-	n.d. see chapter 5
Polychlorobiphenyls and derivatives (PCBs)	For indicator element Cl see chapter 3 [1)]
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 [1)]
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in wood products as a preservative [3]	For indicator element As see chapter 3 [1)]
Bisphenol-A [4]	n.d. see chapter 5
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in “portable” batteries	n.d. see chapter 3
Chromium (VI) compounds	detected see chapter 3
Chromium (VI) compounds in leather and textiles	n.a. (no leather and textiles)
Cobalt Dichloride	For indicator element Co see chapter 3 [1)]
Creosotes	For indicator substances (Anthracene, Benzo[a]pyrene etc.) see chapter 5
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	n.d. see chapter 3, 5
Diisononyl Phthalate (DINP)	n.d. see chapter 3, 5
Formaldehyde	n.a. (no Composite Wood Products, textiles, washing or cleaning agents, cosmetic care products)
Lead and lead compounds	**Detected** see chapter 3[1)]
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	**detected** see chapter 3 [2)]
Nonylphenol ethoxylate [7]	n.d. see chapter 5
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 5

Substances	Results
Polybrominated biphenyls (PBBs)	n.d. see chapter 3
Polybrominated diphenyl ethers (PBDEs)	n.d. see chapter 3
Perchlorates-Lithium Perchlorate, Magnesium Perchlorate, Zinc Perclorate [5]	n.a. (no perchlorate Batteries)
Perfluoro alkyl sulfonates (PFAS), and derivatives (including PFOS)	n.t., not enough sample material
Perfluorooctanoic Acids	n.t.
Persistent Organic Pollutants (POP)	n.t. For indicator elements Br and Cl see chapter 3 [1)]
Poly Vinyl Chloride (PVC) vinyl chloride monomer in External Cables	n.d. see chapter 3 and 5
Certain short and medium chained chlorinated paraffins	n.d. (SCCP, MCCP - see chapter 3)
REACH Authorised and Restricted Substances not otherwise listed	**Detected**, See Chapter 5
REACH Authorised and Restricted Substances not otherwise listed – Entry 20 Organostannic compounds [6]	Sn > 0.1% n.d.
REACH Authorised and Restricted Substances not otherwise listed – Entry 21 Di-µ-oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C8H19BO3Sn (DBB)	Sn > 0.04% See samples GD2186-04 (0.07% Sn)[1)] GD2192-01 (0.08% Sn)[1)]
REACH Authorised and Restricted Substances not otherwise listed – Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	n.d. See Chapter 6
REACH Candidate List Substances not otherwise listed	**Detected**, See chapter 5
Tris(2-chloroethyl)phosphate (“TCEP”)	n.d. see chapter 5
Tris(1,3-dichloro-2-propyl) phosphate (“TDCPP”)	For indicator element Cl see chapter 3 [1)]

[1] Substance may not be intentionally added.
[2] The concentration basis is based on the weight of the external cable jacket not including any conductors, sheathed conductors or ground jackets.
[3] Banned in packaging and as a fumigation technique for wood pallets and other wood packaging (includes methyl bromide).
[4] Controlled in surface preparations of products and parts intended to come into direct and prolonged contact with the skin. For Nickel, such products and parts must be evaluated by a materials testing laboratory in accordance with EN1811:1999 to validate that the Nickel ion release rate is < 0.5 µg/cm²/week. A supplier must provide a declaration of compliance with this standard along with their material disclosure for affected products and parts. If the Nickel reported will not come into direct and prolonged contact with the skin, the supplier must add the following comment to the Remarks column: “Nickel will not come into direct or prolonged contact with the skin.”
[5] Lithium perchlorate in coin cell batteries rated over 10mAh is allowed; this regulation also requires labeling of the end product
[6] Substance shall not be greater than the equivalent of 0.1 % by weight of tin.
[7] One isomer tested as representative for substance group
n.t.: Not tested
n.d.: Not detected
n.a.: Not applicable
[1)] Relevant compounds based on XRF Screening test results. For the speciation of the substances, further testing could be required
[2)] Not in surface preparations of products intended to come into direct and prolonged contact with the skin.
[3)] Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.

Following materials of concern according to Motorola 12G02897W18 rev. V6 were identified that exceed the thresholds according to Appendix C Section 5 for controlled and banned substances.

2.2 Items that only use Homogeneous Materials

None

2.3 Non Homogeneous items that require attention on the sub item level

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1]	Does that rating make use of an Exemption	Sub Item level acceptance rating
GD2171-01	24-034 Smart Phone, Model XT2451, Battery 1, Flex		Flex (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GD2172-06	24-034 Smart Phone, Model XT2451, Sub PWB		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GD2186-15	24-034 Smart Phone, Model XT2451, Main PWB		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GD2188-01	24-034 Smart Phone, Model XT2451, Battery 2, Flex		Flex (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GD2191-08	24-034 Smart Phone, Model XT2451, Display connection flex		Flex (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GD2185-35	24-034 Smart Phone, Model XT2451, Rear camera assembly, Metal housing		Oberflächenbe-schichtung (1%) / *Surface coating (1%)*	-	No	**Pass**
			Basismetall (99%)/ *Base metal (99%)*	**Pb** (0.03 ± 0.01 % = 300 ± 120 ppm)	No	**Pass**

[1] Threshold limits are given in ppm, exemptions are in wt.% - ppm = mg/kg (w/w)
[2] Components have been identified that contain lead in ceramics. Due to expired exemption for lead in dielectric ceramic capacitors (of less than 125V AC or 250V DC) it has to be made sure that the exemption is really applicable to all single components identified to contain Lead - see x,y-board scan

Probennr./ ***Sample Item***	**Beschreibung/** ***Description***	**Bild/** ***Photo***	**Kolorimetrische Bestimmung in der Lösung / in Masse pro Oberfläche [2]/** ***Colorimetric results concentration in solution / in mass per surface [2)4)]***	**Bewertung gemäß IEC 62321-7-1:2015/** ***Rating according to IEC 62321-7-1:2015***	**CrVI – Abschätzung der Konzentration [1]/** ***CrVI – Estimation of Concentration[1)]***	**Bewertung gemäß RoHS Anforderungen [1]/** ***Rating according to RoHS requirements[1)]***	**Schichtdicke/ Oberfläche/ Extraktions-volumen/** ***Thickness of Layer/Surface area/Extract volume***
GD2194-06	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 4		0.02 **mg/l** 0.09 **µg/cm²**	**Negativ/** ***Negative***	0.03 % = 300 ppm	**Bestanden/** ***Pass***	625 nm 2.5 cm² 13 ml[3)]

[1)] Bewertung und Berechnung wurden mit den folgenden Parametern durchgeführt: Schichtdicke und Oberfläche siehe Spalte 8, Schichtdichte: 4,5 g/cm³/ Rating and calculation apply the following parameters: Thickness of Layer and Surface area see Column 8, Density of Layer: 4,5 g/cm³

[2)] Die typische Messunsicherheit beträgt 20% des gemessenen Wertes in Lösung und 23% des gemessenen Wertes in Masse pro Oberfläche/ *Typical measurement uncertainty is 20 % of the measured value in solution and 23% of the measured value in mass per surface*

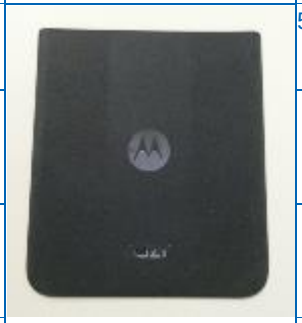
[3)] IEC Test Bedingungen werden nicht erfüllt, **ein Wiederholungsversuch mit ausreichender Oberfläche (50cm²) wird empfohlen/** *IEC test conditions are not fulfilled,* ***retest using sufficient surface (50cm²) recommended***

[4)] *The sample is negative for CrVI if CrVI is not detectable (concentration less tat 0.10 µg/cm². The coating is considered non-CrVI based coating. The sample is positive for CrVI if the CrVI concentration is greater than 0.13 µg/cm². The sample coating is considered to contain CrVI. Results between 0.10 µg/cm² and 0.13 µg/cm² are considered to be inconclusive.*

2.4 Phthalates in fractions

None

3 Material Assay Screening Results

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
GD2168-00	24-034 Smart Phone, Model XT2451, Sim card holder		0.472	0.25%				
GD2168-01	24-034 Smart Phone, Model XT2451, Sim card holder, Metal button				21.61%		Main: Al Si S Ca; Other: P Cl K Ti Cr Mn Fe Ni Cu Zn Ga Zr; Trace: V Yb.	Reportable: Al Cr** Fe Cu Zn; Controlled: Ni.
GD2168-02	24-034 Smart Phone, Model XT2451, Sim card holder, Metal frame				26.91%		Main: Si P S Ca Fe Ni; Other: Cl K Ti Cr Co Cu Zn Mo Th; Trace: Al Ge Br Sr Y Zr Nb Rh Sb Cs Ba U.	Reportable: Cr** Fe Co Cu; Controlled: Ni.
GD2168-03	24-034 Smart Phone, Model XT2451, Sim card holder, Black plastic part				49.36%	PA	Main: Si; Other: Al P S Cl K Ca Fe Zn Zr; Trace: Ti Mn Cu Ga Rb Mo Ba Yb Hf W.	Reportable: Al Fe Zn Si P;
GD2168-04	24-034 Smart Phone, Model XT2451, Sim card holder, Black rubber seal				1.91%	Silicone	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Zr Hf W.	Reportable: Al Fe Zn Si P;
GD2168-05	24-034 Smart Phone, Model XT2451, Sim card holder, Label				0.21%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Ti Fe Ni; Trace: V Cr Mn Co Cu Zn Zr Nb Ag Sn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2169-00	24-034 Smart Phone, Model XT2451, Lower backside cover		5.787	3.11%				
GD2169-01	24-034 Smart Phone, Model XT2451, Lower backside cover				75.46%	Epoxy	Main: Si; Other: Al P S K Ca Ti Fe Sr Mo; Trace: Cl V Ni Cu Zr Nb Ba.	Reportable: Al Fe Si P;
GD2169-02	24-034 Smart Phone, Model XT2451, Lower backside cover, Rubber part				23.29%	Silicone	Main: Si; Other: Al P S Cl K Ca Ti; Trace: V Fe Ni Zr Mo Ba.	Reportable: Al Si P;
GD2169-03	24-034 Smart Phone, Model XT2451, Lower				1.07%	PET 80% PC 20%	Other: Al Si P S Ca Sn;	Reportable: Al Sn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	backside cover, Logo 1						Trace: Cl K Ti Fe Ni Cu Nb In Sb Ba.	
GD2169-04	24-034 Smart Phone, Model XT2451, Lower backside cover, Logo 2				0.17%	PC 80% PET 20%	Other: Al Si P S Cl K Ca Fe Mo Sn; Trace: Ti Mn Co Ni Cu Sr Zr Nb In Sb Ba.	Reportable: Al Fe Co P;
GD2170-00	24-034 Smart Phone, Model XT2451, Metal cover 1		1.445	0.78%				
GD2170-01	24-034 Smart Phone, Model XT2451, Metal cover 1				75.09%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu; Trace: Al Cl Zn Ge Ba Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2170-02	24-034 Smart Phone, Model XT2451, Metal cover 1, Black plastic part				24.91%	PC	Main: Si P Ca Cr Cu; Other: Al S Cl K Ti Mn Fe Ni Zn Sr Mo Hf; Trace: V Zr Ba Ce.	Reportable: Al Cr Fe Cu Zn Si P;
GD2171-00	24-034 Smart Phone, Model XT2451, Battery 1		37.368	20.08%				
GD2171-01	24-034 Smart Phone, Model XT2451, Battery 1, Flex				1.46%		Main: Si P Cu; Other: Al S Cl K Ca Ti Fe Sr Zr Ag Sn Ba Hf; Trace: Cr Mn Ga Ru I Yb Th. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba Si P;
GD2171-02	24-034 Smart Phone, Model XT2451, Battery 1, Black plastic part				2.19%	TPU	Other: Al Si P S Cl K Ca Fe; Trace: Mn Co Ni Cu Zn Sn Ba Ce.	Reportable: Al Fe Co P;
GD2171-03	24-034 Smart Phone, Model XT2451, Battery 1, Black glue strip				0.14%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti Co Ni Cu Zn.	Reportable: Al Fe Co Si P;
GD2171-04	24-034 Smart Phone, Model XT2451, Battery 1, Paper strip				0.09%	Paper 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Co Zn Sn.	Reportable: Al Fe Co Cu;
GD2171-05	24-034 Smart Phone, Model XT2451, Battery 1, Outer cover				3.63%		Main: Al Si P S Cl Ca Ti Fe Zn Ga; Other: K V Cr Mn Co Ni Cu Sr Y Zr Nb Mo Sb Ba La W Th	Reportable: Al Cr Fe Co Cu Zn Y Sb Ba La W; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							U; Trace: Ge Br In.	
GD2171-06	24-034 Smart Phone, Model XT2451, Battery 1, White foil				6.34%	PE	Main: Al P S; Other: Si Cl K Ca Fe Co Ni Cu Ta; Trace: Ti Cr Mn Zn Ga.	Reportable: Al Fe Co Cu Si P;
GD2171-07	24-034 Smart Phone, Model XT2451, Battery 1, Silver foil				8.15%		Main: Al Co; Other: Si P S Ca Ti Fe Cu Y; Trace: Cl K V Mn Ga Zr La Nd.	Reportable: Al Fe Co Cu Y;
GD2171-08	24-034 Smart Phone, Model XT2451, Battery 1, Copper foil				9.96%		Main: Cu; Other: Al Si P S Cl Cr Fe Co; Trace: K Ca Ti Zn Ga Ge Y Zr Nb Mo Ce Pr Nd Yb Bi U.	Reportable: Al Cr Fe Co Cu;
GD2171-09	24-034 Smart Phone, Model XT2451, Battery 1, Blue glue strip				0.13%	Paper 80% Acrylic 20%	Main: Al Co; Other: Si P S Cl K Ca Ti Fe Cu Zn Y; Trace: V Cr Mn Ga Zr Sn Sb.	Reportable: Al Fe Co Cu Y P;
GD2171-10	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 1				0.53%	PET 80% PP EPDM 20%	Main: P Co; Other: Al Si S Cl K Ca Ti Fe Cu Y; Trace: V Cr Mn Zn Ga Zr Sn Sb Ba Ta.	Reportable: Al Fe Co Cu Y P;
GD2171-11	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 2				0.74%	PET 80% PP EPDM 20%	Main: Al Co; Other: Si P S Cl Ca Ti Fe Cu Y Zr La; Trace: K V Cr Mn Ga Sn Sb Cs Ba Ce.	Reportable: Al Fe Co Cu Y La P;
GD2171-12	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 3				0.08%	PET 80% PP EPDM 20%	Main: Co Cu; Other: Al Si P S Ca Ti Fe Ni Zn Y Zr Yb Ta Bi; Trace: K V Cr Mn Sn Sb I Ba La.	Reportable: Al Fe Co Cu Zn Y Bi P; Controlled: Ni.
GD2171-13	24-034 Smart Phone, Model XT2451, Battery 1, Contact 1				0.10%		Main: Al; Other: Si P S Cl K Ca Cr Fe Co; Trace: Ti V Ni Cu Ga.	Reportable: Al Cr** Fe Co;
GD2171-14	24-034 Smart Phone, Model XT2451, Battery 1, Contact 2				0.33%		Main: Si P Ni Cu; Other: Al S Cl K Ti Co Zn; Trace: Ca Cr Mn Fe Ga Ge Y	Reportable: Al Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Zr Nb Mo Rh Sb Ba La Pr Nd Bi U.	
GD2171-15	24-034 Smart Phone, Model XT2451, Battery 1, Carbon coating				66.12%		Main: Co; Other: Al Si P S Ca Ti Fe Cu Y Zr La Ta; Trace: Cl K V Cr Mn I Cs Ba Ce.	Reportable: Al Fe Co Cu Y La Si P;
GD2172-00	24-034 Smart Phone, Model XT2451, Sub PWB		1.625	0.87%				
GD2172-01	24-034 Smart Phone, Model XT2451, Sub PWB, Copper glue strip				0.49%	Metal 90% Acrylic 10%	Main: Si Ni Cu; Other: Al P S Cl K Ti Zn; Trace: Ca Cr Mn Fe Ga Ge Br Y Zr Nb Ba Nd Bi U.	Reportable: Al Cu Zn; Controlled: Ni.
GD2172-02	24-034 Smart Phone, Model XT2451, Sub PWB, Metal shielding 1				2.65%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn; Trace: Ca Ti Ga Ge Y Zr Ag Ba Pr Nd Bi U.	Reportable: Al Fe Cu Zn Sn; Controlled: Ni.
GD2172-03	24-034 Smart Phone, Model XT2451, Sub PWB, Metal shielding 2				1.66%		Main: Ni Cu Zn Sn; Other: Al Si P S Cl Ti Mn Fe Ag Nd; Trace: Ca V Ga Ge Y Zr Ba.	Reportable: Al Fe Cu Zn Ag Sn Nd; Controlled: Ni.
GD2172-04	24-034 Smart Phone, Model XT2451, Sub PWB, Metal shielding 3				0.74%		Main: P Ni Cu Zn; Other: Si S Cl K Ca Ti Fe Sn Sb Nd; Trace: Al V Cr Zr Pd Ba La.	Reportable: Fe Cu Zn Sn Sb Nd; Controlled: Ni.
GD2172-05	24-034 Smart Phone, Model XT2451, Sub PWB, Metal shielding 4				10.89%		Main: Si S Ca Ni Cu Zn Sn; Other: Al P Cl Cr Mn Fe Ag; Trace: Ti Co Ga Ge Sr Y Zr Pr Bi.	Reportable: Cr Fe Co Cu Zn Ag Sn; Controlled: Ni.
GD2172-06	24-034 Smart Phone, Model XT2451, Sub PWB				83.57%		Main: Si S Ca Fe Ni Cu Sn Ba; Other: Al P Cl K Ti Cr Mn Zn Sr Zr Ag Hf Au Bi; Trace: Ga Ge Y Mo Pd La Ce. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Cu Zn Ag Sn Ba Au Bi Si P; Controlled: Ni.
GD2173-00	24-034 Smart Phone, Model XT2451, Bottom Speaker		2.612	1.40%				
GD2173-01	24-034 Smart Phone, Model XT2451, Bottom				11.87%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn	Reportable: Cr Fe Co Cu;

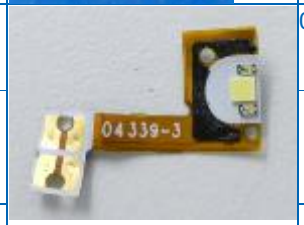
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	Speaker, Metal housing 1						Co Cu Mo; Trace: Al Zn Ge Nb Rh Ba Pr Tl.	Controlled: Ni.
GD2173-02	24-034 Smart Phone, Model XT2451, Bottom Speaker, Metal housing 2				11.45%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge Nb Rh Sn Ba La Pr Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2173-03	24-034 Smart Phone, Model XT2451, Bottom Speaker, Metal frame 1				3.75%		Main: Si P S Ca Cr Fe Ni; Other: Cl K Ti Mn Co Cu Zn Mo Bi Th U; Trace: Al V Ge Br Sr Y Zr Nb Rh Sb Ba.	Reportable: Cr Fe Co Cu Zn Bi; Controlled: Ni.
GD2173-04	24-034 Smart Phone, Model XT2451, Bottom Speaker, Metal frame 2				5.67%		Main: Fe Ni; Other: Si P S Cl K Ca V Cr Mn Zn Nd; Trace: Al Ti Co Ge Mo Pr.	Reportable: Cr Fe Co Zn Nd; Controlled: Ni.
GD2173-05	24-034 Smart Phone, Model XT2451, Bottom Speaker, Metal plae 1				9.38%		Main: P S Fe Ni; Other: Al Si Cl K Ca Mn Zn; Trace: Ti Cr Cu Y Ba Pr Nd Tl Bi.	Reportable: Fe Zn; Controlled: Ni.
GD2173-06	24-034 Smart Phone, Model XT2451, Bottom Speaker, Metal plae 2				3.02%		Main: Si P S Fe Ni; Other: Cl K Ca V Cr Mn Zn Pr Nd Bi; Trace: Al Ti Co Ge.	Reportable: Cr Fe Co Zn Pr Nd Bi; Controlled: Ni.
GD2173-07	24-034 Smart Phone, Model XT2451, Bottom Speaker, Magnets 1				11.41%		Main: Cl Fe Zn Pr; Other: Al Si S Mn Co Ni Cu Ga Ge Y Zr Nb Mo Nd W U; Trace: Ca V Br Ru Rh Sb Bi Th.	Reportable: Al Fe Co Cu Zn Y Pr Nd W;
GD2173-08	24-034 Smart Phone, Model XT2451, Bottom Speaker, Magnets 2				12.17%		Main: Si S Cl Fe Zn Pr; Other: Al V Co Ni Cu Ge Y Zr Nb Mo In Te Ba W Tl Th U; Trace: Ca Br Ru Sb I.	Reportable: Fe Co Cu Zn Y Te Ba Pr W Tl; Controlled: Ni.
GD2173-09	24-034 Smart Phone, Model XT2451, Bottom Speaker, Membrane				0.50%	TPU	Main: Si P S K Ca; Other: Cl Ti V Cr Fe Co Ni Cu Zn Nd; Trace: Al Mn Ge Y Zr Nb Pd.	Reportable: Cr Fe Co Cu Zn Nd; Controlled: Ni.
GD2173-10	24-034 Smart Phone, Model XT2451, Bottom Speaker, Black plastic				23.20%	PC	Main: Ca; Other: Al Si P S Cl K Fe; Trace: Ti Cr Mn Ni Cu Sr Zr	Reportable: Al Fe Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	housing						Ba Ce.	
GD2173-11	24-034 Smart Phone, Model XT2451, Bottom Speaker, Black shock pad 1				0.15%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni; Trace: Ti Co Cu Zn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2173-12	24-034 Smart Phone, Model XT2451, Bottom Speaker, Black shock pad 2				0.15%	PUR 60% PET 10% Silicone 10% Polyetherurethan 20%	Main: Si Ca; Other: Al P S Cl K Cr Fe Ni Zn; Trace: Ti Mn Cu Sn Sb.	Reportable: Al Cr Fe Zn Si P;
GD2173-13	24-034 Smart Phone, Model XT2451, Bottom Speaker, White net				0.38%	PET	Main: Si; Other: Al P S Cl K Ca Ti Fe Co Ni; Trace: Mn Cu Zn Sb.	Reportable: Al Fe Co Si P;
GD2173-14	24-034 Smart Phone, Model XT2451, Bottom Speaker, white paper strip				0.11%	Paper 80% Acylic 20%	Main: S; Other: Al Si P Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Co Zn.	Reportable: Al Fe Co P;
GD2173-15	24-034 Smart Phone, Model XT2451, Bottom Speaker, White glue 1				0.96%	PMMA	Other: Al Si P S Cl Ca Fe; Trace: K Ti Mn Co Ni Cu Zn Sn Sb Bi.	Reportable: Al Fe Co Si P;
GD2173-16	24-034 Smart Phone, Model XT2451, Bottom Speaker, White glue 2				0.11%	PMMA	Other: Al Si P S Cl K Ca Fe Ni; Trace: Cu Zn Sn Sb.	Reportable: Al Fe Si P;
GD2173-17	24-034 Smart Phone, Model XT2451, Bottom Speaker, Whure granules				1.34%	PUR	Main: Si; Other: P S K Ca Fe Ni; Trace: Cl Ti Co Cu Zn Sb.	Reportable: Fe Co Si P;
GD2173-18	24-034 Smart Phone, Model XT2451, Bottom Speaker, Copper wire				2.14%		Main: Si S Cu; Other: Al P Cl Ti Zn Ag; Trace: Ca Ni Y Zr Nb Ba Yb U.	Reportable: Cu Zn Ag;
GD2173-19	24-034 Smart Phone, Model XT2451, Bottom Speaker, Flex				2.22%		Main: Al Si Cu Sn; Other: P S Cl K Ca Ti Fe Zn Zr Hf; Trace: Mn Ni Ga Bi. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Sn Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2174-00	24-034 Smart Phone, Model XT2451, Lightning jack flex		0.808	0.43%				
GD2174-01	24-034 Smart Phone, Model XT2451, Lightning jack flex, Label				0.12%	PET 80% Acylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: V Mn Co Zr Nb Sn Sb Ba.	Reportable: Al Fe Co Zn Si P;
GD2174-02	24-034 Smart Phone, Model XT2451, Lightning jack flex, Black shock pad				0.50%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Sb.	Reportable: Al Fe Co P;
GD2174-03	24-034 Smart Phone, Model XT2451, Lightning jack flex, Red rubber seal				0.87%	Acrylic	Main: Si; Other: Al P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Hf.	Reportable: Al Fe Si P; Controlled: Ni.
GD2174-04	24-034 Smart Phone, Model XT2451, Lightning jack flex				98.51%		Main: P Fe Ni Cu; Other: Al Si S Cl Ca Ti Cr Mn Co Zr Mo Rh Hf; Trace: K V Ga Ru Pd Ag Sn Sb. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Co Cu P; Controlled: Ni.
GD2175-00	24-034 Smart Phone, Model XT2451, Vibra call		1.634	0.88%				
GD2175-01	24-034 Smart Phone, Model XT2451, Vibra call, Metal housing				21.36%		Main: Cr Fe; Other: Si P S Cl K Ca V Mn Ni Cu Zn Pr Nd; Trace: Al Ti Mo Yb.	Reportable: Cr Fe Zn Pr Nd; Controlled: Ni.
GD2175-02	24-034 Smart Phone, Model XT2451, Vibra call, Metal part 1				69.65%		Main: P Cr Fe Ni W; Other: Si S Cl K Ca V Mn Cu Zn Ge Pr Nd; Trace: Al Ti Co Ga Mo Ru Rh Pd In Ba Tl Th.	Reportable: Cr Fe Co Cu Zn Pr Nd W; Controlled: Ni.
GD2175-03	24-034 Smart Phone, Model XT2451, Vibra call, Metal part 2				1.22%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Cu Zn Mo; Trace: Al Co Ge Sb Ba.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GD2175-04	24-034 Smart Phone, Model XT2451, Vibra call, Copper wire				1.65%		Main: Si Cu; Other: Al P S Cl K Ti Zn Nd; Trace: Ca Cr Mn Fe Ni Y Zr Nb Ba Yb Bi.	Reportable: Al Cu Nd;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2175-05	24-034 Smart Phone, Model XT2451, Vibra call, Magnets				5.63%		Main: Si Cl Fe Ni Cu Zn Pr; Other: Al S K V Co Y Zr Nb Mo Ce Bi Th U; Trace: Ca Se Br Ru Rh Sb Te I Ba Tl.	Reportable: Fe Co Cu Zn Y Ce Pr Bi; Controlled: Ni.
GD2175-06	24-034 Smart Phone, Model XT2451, Vibra call, Yellow glue strip				0.06%	PET 80% Acylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn Zr; Trace: Ti V Cr Mn Co Sn Sb Hf W.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2175-07	24-034 Smart Phone, Model XT2451, Vibra call, Black shock pad				0.06%	PUR	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn.	Reportable: Al Fe Si P;
GD2175-08	24-034 Smart Phone, Model XT2451, Vibra call, Flex				0.37%		Main: P Cu; Other: Al Si S Cl K Ca Fe Co Ni Zn Zr Sn; Trace: Ti Cr Mn Ga Ag Sb I W Au. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Zn Sn Si P; Controlled: Ni.
GD2176-00	24-034 Smart Phone, Model XT2451, Quick view display flex		1.092	0.59%				
GD2176-01	24-034 Smart Phone, Model XT2451, Quick view display flex, Meallic glue strip				6.68%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca Ti Fe; Trace: Mn Zr Sn Sb Te I Ba Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2176-02	24-034 Smart Phone, Model XT2451, Quick view display flex, Black glue strip 1				4.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Cu; Trace: Ti Ni Zn Sb Ba.	Reportable: Al Fe;
GD2176-03	24-034 Smart Phone, Model XT2451, Quick view display flex, Black glue strip 2				1.37%	PET 80% Acrylic 20%	Main: Ni; Other: Al Si P S Cl K Ca Fe Cu; Trace: Ti Mn Co Zn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2176-04	24-034 Smart Phone, Model XT2451, Quick view display flex				87.91%		Main: S Ni Cu Sn; Other: Al Si P Cl K Ca Ti Fe Sr Zr Ag I Ba Ta; Trace: Cr Mn Ga Ge Pd Cs La Ce. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba Si P; **Controlled**: Ni **Pb**.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2177-00	24-034 Smart Phone, Model XT2451, Quick view display foil assembly		3.064	1.65%				
GD2177-01	24-034 Smart Phone, Model XT2451, Quick view display foil assembly, Golden foil				26.63%	PET	Other: Al Si P S Ca Ti Mo Ag In; Trace: K V Sn.	Reportable: Al Ag;
GD2177-02	24-034 Smart Phone, Model XT2451, Quick view display foil assembly, Copper foil				73.37%	Metal 50% PET 30% Acrylic 20%	Main: Cu; Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Cr Mn Se Ag Sn Sb Cs.	Reportable: Al Fe Cu Si P;
GD2178-00	24-034 Smart Phone, Model XT2451, Quick view display		11.590	6.23%				
GD2178-01	24-034 Smart Phone, Model XT2451, Quick view display				73.83%		Main: Al Si P K; Other: Ca Ti Fe Zr Sn; Trace: S Cl V Mn Zn Ga Rb Cs.	Reportable: Al Fe Sn Si P;
GD2178-02	24-034 Smart Phone, Model XT2451, Quick view display, LCD foil				9.52%	PMMA 80% Acrylic 20%	Other: Al Si P K Ca Ti Ag I; Trace: S Cl Fe Ni Cu Zn Sb Yb.	Reportable: Al Ag Si;
GD2178-03	24-034 Smart Phone, Model XT2451, Quick view display, Black rubber seal				0.01%	PUR	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Co Cu Zn Zr Sn.	Reportable: Al Fe Co Si P;
GD2178-04	24-034 Smart Phone, Model XT2451, Quick view display, Black glue strip				0.08%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Cr Mn Co Ni Cu Mo Ag Yb Hf.	Reportable: Al Fe Co Zn Si P;
GD2178-05	24-034 Smart Phone, Model XT2451, Quick view display, Glass plates				1.86%		Main: Al Si P K Zn; Other: S Cl Ca Fe Zr Sn; Trace: Ti Mn Ga Rb Sb Cs La W.	Reportable: Al Fe Zn Sn Si P;
GD2178-06	24-034 Smart Phone, Model XT2451, Quick view display, Metal rings				14.71%		Main: Cr Mn Fe Ni Mo; Other: Si P Cl K Ca Ti V Co Cu; Trace: Al Ge Nb Rh Sn Ba Pr.	Reportable: Cr** Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2179-00	24-034 Smart Phone, Model XT2451, Flashlight		0.024	0.01%		PMMA	Other: Al Si P S Ca; Trace: Cl K Fe Ni Cu.	Reportable: Al;
GD2180-00	24-034 Smart Phone, Model XT2451, Flashlight flex		0.026	0.01%				
GD2180-01	24-034 Smart Phone, Model XT2451, Flashlight flex, Metallic glue strip				3.85%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe; Trace: Cr Ga Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2180-02	24-034 Smart Phone, Model XT2451, Flashlight flex, Black glue trip				3.85%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Cr Mn Fe Ni Cu Zn; Trace: Ti Co Mo Ag Sb.	Reportable: Al Cr Fe Co Cu Si P; Controlled: Ni.
GD2180-03	24-034 Smart Phone, Model XT2451, Flashlight flex				92.31%		Main: Cu; Other: Al Si P S Cl K Ca Ti Fe Ni Zr Sn; Trace: Cr Mn Zn Sb Ba Au. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2181-00	24-034 Smart Phone, Model XT2451, Metal cover 2		1.413	0.76%				
GD2181-01	24-034 Smart Phone, Model XT2451, Metal cover 2				71.76%		Main: Cr Mn Fe Ni Mo; Other: Si P S Cl K Ca V Co Cu; Trace: Al Ge Nb Rh Sn Pr U.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2181-02	24-034 Smart Phone, Model XT2451, Metal cover 2, Black plastic part				28.24%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: V Mn Ni Zn Sr Zr Ba Ce.	Reportable: Al Fe Si P;
GD2182-00	24-034 Smart Phone, Model XT2451, Front camera		0.249	0.13%				
GD2182-01	24-034 Smart Phone, Model XT2451, Front				22.49%	PC	Other: Al Si P S Cl K Ca Ti	Reportable: Al Fe P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	camera, Black plastic housing						Fe; Trace: Mn Ni Cu Zn.	
GD2182-02	24-034 Smart Phone, Model XT2451, Front camera, Black plastic frame				10.44%	PA	Main: Si S Ca; Other: Al P Cl K Ti Fe Cu Zn Ba; Trace: V Mn Co Ni Sr Zr Nb W.	Reportable: Al Fe Co Cu Zn Ba Si P;
GD2182-03	24-034 Smart Phone, Model XT2451, Front camera, Black plastic ring				4.02%	TPE	Main: Cu Zn; Other: Al Si P S Cl K Ca Fe Nb Bi; Trace: Ti Mn Mo Ag Sn Sb Th.	Reportable: Al Fe Cu Zn Bi Si P;
GD2182-04	24-034 Smart Phone, Model XT2451, Front camera, Black foil rings				0.40%	PET	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Cr Mn Cu Zn Sb.	Reportable: Al Fe Si P;
GD2182-05	24-034 Smart Phone, Model XT2451, Front camera, Blue glass				3.21%		Main: Al P Ca Cu Zn Ba; Other: Si S Cl K Ti Mn Ce Hf; Trace: V Cr Ga Sr Sn Sb Te I Cs La.	Reportable: Al Cu Zn Ba Ce Si P;
GD2182-06	24-034 Smart Phone, Model XT2451, Front camera, Lenses				14.46%	TPE	Other: Al Si P S Ca Ti; Trace: Cl K Mn Fe Ni Cu Zn Ce.	Reportable: Al Si;
GD2182-07	24-034 Smart Phone, Model XT2451, Front camera, Flex				44.98%		Main: P Cu Sn; Other: Al Si S Cl K Ca Ti Fe Co Ni Sr Zr Pd Ag Ba Au; Trace: Cr Mn Ga Y La. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Pd Ag Sn Ba Au Si P; Controlled: Ni.
GD2183-00	24-034 Smart Phone, Model XT2451, Black connection cable		0.050	0.03%				
GD2183-01	24-034 Smart Phone, Model XT2451, Black connection cable, Metal contact holder				58.00%		Main: P Ni Cu Sn Au; Other: Al Si S Cl K Ge Nd; Trace: Ca Ti Fe Zr Nb I Pr.	Reportable: Al Cu Sn Nd Au; Controlled: Ni.
GD2183-02	24-034 Smart Phone, Model XT2451, Black connection cable, Black plastic insert				2.00%	PP	Main: Si Ca; Other: Al P S Cl K Fe Ni Cu; Trace: Ti Mn Co Zn Sr Zr.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2183-03	24-034 Smart Phone, Model XT2451, Black connection cable, Contacts				2.00%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge; Trace: Al Br Y Zr Nb Sb.	Reportable: Cu Sn Au; Controlled: Ni.
GD2183-04	24-034 Smart Phone, Model XT2451, Black connection cable, Outer black cable jacket				8.00%	PTFE	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn.	Reportable: Al Fe P;
GD2183-05	24-034 Smart Phone, Model XT2451, Black connection cable, Inner yellow cable jacket				6.00%	PTFE	Other: Al Si P S Cl K Ca V Fe Ni Bi; Trace: Ti Co Cu Zn Sb.	Reportable: Al Fe Co Bi P;
GD2183-06	24-034 Smart Phone, Model XT2451, Black connection cable, Wire 1				20.00%		Main: S Cu Sn; Other: Al Si P Cl K Zn Ge; Trace: Ca Fe Ni Y Zr Nb Ba Bi U.	Reportable: Al Cu Zn Sn;
GD2183-07	24-034 Smart Phone, Model XT2451, Black connection cable, Wire 2				4.00%		Main: Si P S Cl Cu Ag; Other: Ca Ti Ni Zn Sn; Trace: Al Br Sr Y Zr Nb Rh Sb Ba Th U.	Reportable: Cu Zn Ag Sn; Controlled: Ni.
GD2184-00	24-034 Smart Phone, Model XT2451, White connection cable		0.045	0.02%				
GD2184-01	24-034 Smart Phone, Model XT2451, White connection cable, Metal contact holder				62.22%		Main: P S Cl Ni Cu Sn Au; Other: Si K Ca Ge; Trace: Al Ti Br Y Zr Nb Rh Sb.	Reportable: Cu Sn Au; Controlled: Ni.
GD2184-02	24-034 Smart Phone, Model XT2451, White connection cable, black plasic insert				2.22%	PP	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Zn.	Reportable: Al Fe Si P; Controlled: Ni.
GD2184-03	24-034 Smart Phone, Model XT2451, White connection cable, contacts				2.22%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge Ba; Trace: Al Br Y Zr Nb Rh Sb Pr.	Reportable: Cu Sn Ba Au; Controlled: Ni.
GD2184-04	24-034 Smart Phone, Model XT2451, White connection cable, Outer white cable jacket				4.44%	PTFE	Other: Al Si P S Cl Ca Ti Fe Ni; Trace: K Mn Cu Zn Sb.	Reportable: Al Fe P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2184-05	24-034 Smart Phone, Model XT2451, White connection cable, Inner yellow cable jacket				4.44%	PTFE	Other: Al Si P S Cl K Ca Fe Ni Cu Bi; Trace: Ti Mn Co Zn Mo Ag.	Reportable: Al Fe Co Cu Bi P;
GD2184-06	24-034 Smart Phone, Model XT2451, White connection cable, Wire 1				20.00%		Main: Si S Cu Sn; Other: Al P Cl K Zn; Trace: Ca Fe Ni Y Zr Nb Ba.	Reportable: Cu Zn Sn;
GD2184-07	24-034 Smart Phone, Model XT2451, White connection cable, Wire 2				4.44%		Main: Si P S Cu Ag; Other: Cl Ca Ti Ni Zn Sn; Trace: Al Br Y Zr Nb Rh U.	Reportable: Cu Zn Ag Sn; Controlled: Ni.
GD2185-00	24-034 Smart Phone, Model XT2451, Rear camera assembly		3.018	1.62%				
GD2185-01	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal frame 1				7.09%		Main: Si Cr Mn Fe Ni Mo; Other: P Cl K Ca V Co Cu; Trace: Al Sn Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2185-02	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal frame 2				0.80%		Main: S Cr Fe Ni; Other: Si P Cl K Ca Ti V Mn Co Cu Mo; Trace: Al Zn Ge Nb Sb Ba La.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2185-03	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal frame 3				0.60%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Mo; Trace: Al Ti Zn Ge Ba La Th.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2185-04	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal plate 1				0.93%		Main: Si S Ni Cu Zn; Other: P Cl Ca Ti Fe Ag Sn; Trace: Al Zr Nb Cs Ba La Pr.	Reportable: Fe Cu Zn Ag Sn; Controlled: Ni.
GD2185-05	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic housing				3.55%	PC	Main: Si P; Other: Al S Cl K Ca Ti Fe; Trace: Cr Mn Co Ni Cu.	Reportable: Al Fe Co Si P;

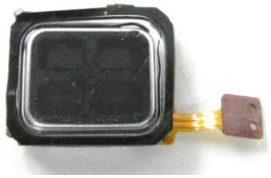
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2185-06	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic frame 1				3.41%	PE	Main: Al Si K; Other: P S Cl Ca Ti Fe Rb; Trace: V Mn Ni Cu Zn Ga Zr Nb Sn Ba Ce W.	Reportable: Al Fe Rb Si P;
GD2185-07	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic frame 2				2.88%	PE	Main: Si S K Ca; Other: Al P Cl Ti Mn Fe Rb; Trace: V Ni Cu Zn Ga Sr Zr Nb Sn Sb Ba Ta W.	Reportable: Al Fe Rb Si P;
GD2185-08	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic ring				0.10%	PC/ABS	Other: Al Si P S Cl K Ca Fe; Trace: Ti Ni Cu.	Reportable: Al Fe P;
GD2185-09	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal plate				0.27%		Main: P S Cr Fe; Other: Si Cl K Ca Ti V Mn Ni Cu; Trace: Al Zn Br Rb Y Nb Ba Yb Th U.	Reportable: Cr Fe Cu; Controlled: Ni.
GD2185-10	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Copper glue strip				1.09%	Metal 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl Ti Zn; Trace: Ca Cr Mn Fe Ga Ge Br Y Zr Nb Ag Sb Ba Nd Bi U.	Reportable: Al Cu Zn; Controlled: Ni.
GD2185-11	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Copper wire				0.99%		Main: Si S Cu; Other: Al P Cl K Ti Zn; Trace: Ca Fe Ni Zr Nb Cs Ba Yb.	Reportable: Cu Zn;
GD2185-12	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Magnet 1				1.89%		Main: Cl Fe Ni Cu Pr; Other: Al Si S K V Zn Sr Y Zr Nb Mo Th U; Trace: Ca Co Ge Se Br Rh In Te Tl Bi.	Reportable: Al Fe Co Cu Zn Y Pr; Controlled: Ni.
GD2185-13	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black foil rings				0.03%	PAI	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sb.	Reportable: Al Fe Si P;
GD2185-14	24-034 Smart Phone, Model XT2451, Rear				1.82%		Main: Si Cl Fe Ni Cu Pr; Other: Al S V Co Zn Ge Rb Y	Reportable: Fe Co Cu Zn Rb Y Sb Te

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	camera assembly, Camera 1, Magnet 2						Zr Nb Mo Rh In Sb Te I Cs Ba La Tl Bi Th U; Trace: Ca Br Ru.	Ba La Pr Tl Bi; Controlled: Ni.
GD2185-15	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Metal plates 2				0.13%		Main: Si S Cr Fe; Other: P Cl K Ca Ti V Mn Ni Cu Mo; Trace: Al Zn Nb Ba Yb Th.	Reportable: Cr Fe Cu; Controlled: Ni.
GD2185-16	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Blue glass				0.36%		Main: Si Ti Ta; Other: P S K Ca Fe Cu Se; Trace: Cl Mn Ge W.	Reportable: Fe Cu Se Ta Si P;
GD2185-17	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Lenses				2.75%	PMMA	Other: Al Si P Ca; Trace: S Cl K Fe Ni.	Reportable: Al Si;
GD2185-18	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Flex 1				1.52%		Main: S Cu Sn; Other: Al Si P Cl Ca Fe Ni Ag I Ba; Trace: K Ti Cr Mn Pd Sb Te Au. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba Si P; Controlled: Ni.
GD2185-19	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Flex 2				16.07%		Main: Al Si P S Ca Cu; Other: Cl K Ti Fe Co Ni Zn Sr Zr Mo Ag Sn Ba Hf W Au; Trace: Cr Mn Ga Ge Se Br Pd Sb Cs Ce. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Zn Ag Sn Ba W Au Si P; Controlled: Ni.
GD2185-20	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Metal frame				4.47%		Main: Si P S Fe Ni Cu; Other: Cl K Ca Ti Zn Sn Ba Th; Trace: Al Co Br Y Zr Nb Rh Sb Cs U.	Reportable: Fe Co Cu Zn Sn Ba; Controlled: Ni.
GD2185-21	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Copper glue strip				0.76%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ti Zn; Trace: Ca Cr Mn Fe Ga Ge Zr Nb Sb Ba Nd.	Reportable: Al Cu Zn; Controlled: Ni.
GD2185-22	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Copper wire				0.60%		Main: Si S Cu; Other: Al P Cl K Ti Ni Zn; Trace: Ca Y Zr Nb Sb Ba Nd.	Reportable: Cu Zn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2185-23	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Contact rings 1				0.10%		Main: Si S Ca Ni Cu Sn; Other: P Cl Ti Mn Ba; Trace: Al Fe Sr Nb Ag.	Reportable: Cu Sn Ba; Controlled: Ni.
GD2185-24	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Contact ring 2				0.36%		Main: S Ca Ni Cu Sn; Other: Al Si P Cl Ti Mn Ag Ba Nd Au; Trace: V Fe Ge Br Y Zr Nb Sb.	Reportable: Cu Ag Sn Ba Nd Au; Controlled: Ni.
GD2185-25	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic frame 1				1.42%	PE	Main: Si S Ca; Other: Al P Cl K Ti Fe Ba; Trace: V Mn Ni Cu Zn Sr Zr Nb Sn.	Reportable: Al Fe Ba Si P;
GD2185-26	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic frame 2				1.59%	Polyester GF	Main: Si S Ca; Other: Al P Cl K Ti V Mn Fe Cu Zn Ba; Trace: Ni Sr Zr Nb Sn W.	Reportable: Al Fe Cu Zn Ba Si P;
GD2185-27	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic housing				3.45%	PE	Main: Si S Ca; Other: Al P K Fe Ba; Trace: Cl V Cr Mn Ni Cu Zn Sr.	Reportable: Al Fe Ba Si P;
GD2185-28	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic ring 1				0.20%	PC	Other: Al Si P S Ca Fe; Trace: Cl K Ti Mn Ni Cu.	Reportable: Al Fe Si P;
GD2185-29	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic ring 2				0.03%	PC	Main: Si; Other: Al P S Ca Fe Ni; Trace: Cl K Mn Cu.	Reportable: Al Fe Si P;
GD2185-30	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black foil rings				0.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn.	Reportable: Al Fe P;
GD2185-31	24-034 Smart Phone, Model XT2451, Rear camera assembly,				1.69%		Main: Si S Cl Fe Ni Cu Pr; Other: V Zn Br Y Zr Nb Mo Rh In Sb Te I Cs Ba La Tl Bi	Reportable: Fe Cu Zn Y Sb Te Ba La Pr Tl Bi;

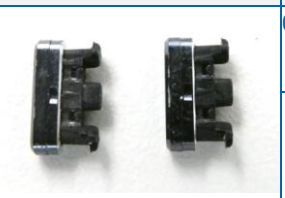
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	Camera 2, Magnets						Th U; Trace: Al Ca.	Controlled: Ni.
GD2185-32	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Blue glass				0.43%		Main: S Cu Zn Ba; Other: Al Si P K Ca Ti Fe Sr Hf; Trace: Cl Mn Ga Sn Sb Te I Ce.	Reportable: Al Fe Cu Zn Ba Si P;
GD2185-33	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Lenses				1.86%	PMMA	Other: Al Si P Ca Ti; Trace: S K Fe Ni.	Reportable: Al Si;
GD2185-34	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Flex				11.10%		Main: P Ca Ni Cu; Other: Al Si S Cl K Ti Fe Co Zr Pd Ag Sn Ba Ta Au; Trace: Cr Mn Zn Ga Ge Sr Nb Mo. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Pd Ag Sn Ba Au Si P; Controlled: Ni.
GD2185-35	24-034 Smart Phone, Model XT2451, Rear camera assembly, Metal housing				25.61%		Main: Si P Ni Cu Zn; Other: S Cl Ca Ti V Cr Mn Fe Zr Sn Sb **Pb** Bi; Trace: Al Co Ga Ge Mo Ag Ba La Ce Pr Nd.	Reportable: Cr Fe Co Cu Zn Sn Sb Bi; **Controlled**: Ni **Pb**.
GD2186-00	24-034 Smart Phone, Model XT2451, Main PWB		15.709	8.44%				
GD2186-01	24-034 Smart Phone, Model XT2451, Main PWB, Metal shieldings 1				15.28%		Main: Si S Ca Ni Cu Zn; Other: P Cl K Cr Mn Fe Sn; Trace: Al Ti Co Ga Ge Se Sr Y Zr Ag Cs Pr Bi.	Reportable: Cr Fe Co Cu Zn Sn; Controlled: Ni.
GD2186-02	24-034 Smart Phone, Model XT2451, Main PWB, Metal shielding 2				1.03%		Main: Ni Cu Sn; Other: Al Si P S Cl K Ca Fe Au; Trace: Ti Ge Rb Sr Zr Nb Ba Pr Bi.	Reportable: Al Fe Cu Sn Au; Controlled: Ni.
GD2186-03	24-034 Smart Phone, Model XT2451, Main PWB, Metal shielding 3				2.50%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Cu Mo Sn Au; Trace: Al Co Zn Ge Sb Ba Pr.	Reportable: Cr Fe Co Cu Au; Controlled: Ni.
GD2186-04	24-034 Smart Phone, Model XT2451, Main PWB, Silver glue strip				0.31%	Metal 80% Acrylic 20%	Main: Si P S Cl K Ca Fe Ni; Other: Ti Mn Cu Zn Ga Y Zr Nb Mo Sn Ba U; Trace: Al Cr Co Ge Se Br Rb	Reportable: Fe Co Cu Zn Y Sn Ba; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Sr Sb Cs Pr Th.	
GD2186-05	24-034 Smart Phone, Model XT2451, Main PWB, Copper glue strip				0.94%	Metal 80% Acrylic 20%	Main: Al Si Fe Cu; Other: P S Cl K Ca Mn Ni Zn Yb; Trace: Ti V Cr Sn Ba.	Reportable: Al Fe Cu Zn; Controlled: Ni.
GD2186-06	24-034 Smart Phone, Model XT2451, Main PWB, Black glue strip				0.60%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ag Ta; Trace: Cr Mn Ga Zr Nb Pd Sn Sb Cs Ba.	Reportable: Al Fe Cu Ag P; Controlled: Ni.
GD2186-07	24-034 Smart Phone, Model XT2451, Main PWB, Metal parts				0.52%		Main: S Ni Cu Zn; Other: Al Si P Cl K Fe Sn; Trace: Ca Mn Ge Y Zr Ba.	Reportable: Al Fe Cu Zn Sn; Controlled: Ni.
GD2186-08	24-034 Smart Phone, Model XT2451, Main PWB, Metal clamp 1				0.41%		Main: P S Cr Fe Ni; Other: Cl Ca Mn Cu Zn Mo Th; Trace: Al Ti Co Ge Br Sr Y Zr Nb Sb Ba.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GD2186-09	24-034 Smart Phone, Model XT2451, Main PWB, Metal clamp 2				0.22%		Main: P S Fe Ni; Other: Si Cl K Ca Ti Cr Mn Cu Zn Mo U; Trace: Al Ge Br Sr Y Zr Nb Sb Ba W Th.	Reportable: Cr Fe Cu; Controlled: Ni.
GD2186-10	24-034 Smart Phone, Model XT2451, Main PWB, Metal shieldings 4				0.14%		Main: P S Ni Cu Zn; Other: Al Si Cl K Ca Fe Sn Sb; Trace: Ti Ge Zr Pd La Nd Bi.	Reportable: Fe Cu Zn Sn Sb; Controlled: Ni.
GD2186-11	24-034 Smart Phone, Model XT2451, Main PWB, Black rubber part 1				0.11%	Silicone	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti Cr Ni Cu Zn Zr Sn.	Reportable: Al Fe Si P;
GD2186-12	24-034 Smart Phone, Model XT2451, Main PWB, Black rubber part 2				0.04%	Silicone	Main: Si; Other: P S Cl K Ca Fe Cu; Trace: Ti Co Ni Zn Zr Sn Sb.	Reportable: Fe Co Si P;
GD2186-13	24-034 Smart Phone, Model XT2451, Main PWB, Contact				0.06%		Main: P S Ni Cu Sn; Other: Si Cl Ca Ti Ge I; Trace: Al Zr Nb Ag Sb.	Reportable: Cu Sn Au; Controlled: Ni.
GD2186-14	24-034 Smart Phone, Model XT2451, Main PWB, Black plastic part				0.20%	PE	Main: K; Other: Al Si P S Ca Ti Mn Fe Ni Rb;	Reportable: Al Fe Co Rb Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Trace: Cl V Cr Co Cu Zn Ga Sr Zr Nb Sn W.	
GD2186-15	24-034 Smart Phone, Model XT2451, Main PWB				77.64%		See x,y- scan (chapter 4)	**Controlled: Pb**
GD2187-00	24-034 Smart Phone, Model XT2451, Top Speaker		1.051	0.56%				
GD2187-01	24-034 Smart Phone, Model XT2451, Top Speaker, Metal housing				13.13%		Main: Cr Fe Ni; Other: Si P S Cl K Ca Ti V Mn Co Cu Zn; Trace: Al Ge Rh Ba.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GD2187-02	24-034 Smart Phone, Model XT2451, Top Speaker, Metal plate 1				25.31%		Main: P Fe Ni; Other: Al Si S Cl K Ca Mn Zn Nd Bi; Trace: Ti V Cr Y Te Pr Tl Th.	Reportable: Fe Zn Nd Bi; Controlled: Ni.
GD2187-03	24-034 Smart Phone, Model XT2451, Top Speaker, Metal frame				7.33%		Main: S Fe Ni; Other: Si P Cl K Ca Mn Zn; Trace: Al Ti Co Ba Pr Nd Th.	Reportable: Fe Co Zn; Controlled: Ni.
GD2187-04	24-034 Smart Phone, Model XT2451, Top Speaker, Black net				0.10%	PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sn Sb.	Reportable: Al Fe P; Controlled: Ni.
GD2187-05	24-034 Smart Phone, Model XT2451, Top Speaker, Black rubber part				0.67%	PUR	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn.	Reportable: Al Fe Si;
GD2187-06	24-034 Smart Phone, Model XT2451, Top Speaker, Metal plate 2				5.04%		Main: P Fe Ni; Other: Si S Cl K Ca Mn Zn Nd; Trace: Al Ti V Cr Co Ge Ba La Pr Bi Th.	Reportable: Fe Co Zn Nd; Controlled: Ni.
GD2187-07	24-034 Smart Phone, Model XT2451, Top Speaker, Membrane				0.95%	PUR	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni Bi; Trace: Cr Mn Co Cu Zn Sn Hf.	Reportable: Al Fe Co Bi Si P;
GD2187-08	24-034 Smart Phone, Model XT2451, Top Speaker, Membrane foil				0.38%	PUR	Main: Al; Other: Si P S Ca Fe Ni Cu Ga; Trace: Cl K Ti V Mn Zn Sb.	Reportable: Al Fe Cu Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2187-09	24-034 Smart Phone, Model XT2451, Top Speaker, Black shock pad				0.10%	PET 80% Acrylic 20%	Main: Al P; Other: Si S K Ca Ti Mn Fe Ni; Trace: Cl Cr Cu Zn Sn Sb.	Reportable: Al Fe P; Controlled: Ni.
GD2187-10	24-034 Smart Phone, Model XT2451, Top Speaker, Magnet 1				15.70%		Main: Fe Zn Pr; Other: Al Si S Cl V Co Ni Cu Ga Ge Y Zr Nb Mo Ce W U; Trace: Ca Ru Rh In Bi Th.	Reportable: Al Fe Co Cu Zn Y Ce Pr W; Controlled: Ni.
GD2187-11	24-034 Smart Phone, Model XT2451, Top Speaker, Magnet 2				20.65%		Main: Si Fe Zn Pr; Other: Al S Cl V Co Cu Ga Ge Y Zr Nb Mo Ce W Th U; Trace: Ca Br Rh In Sb Yb Tl Bi.	Reportable: Al Fe Co Cu Zn Y Ce Pr W;
GD2187-12	24-034 Smart Phone, Model XT2451, Top Speaker, Black plastic part				4.00%	PPA	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: Ni Cu Zn Sr Zr Sn Bi.	Reportable: Al Fe Si P;
GD2187-13	24-034 Smart Phone, Model XT2451, Top Speaker, Flex				6.66%		Main: Si Co Cu; Other: Al P S Ca Ti Fe Y Zr; Trace: Cl K V Cr Mn La. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Y Si P;
GD2188-00	24-034 Smart Phone, Model XT2451, Battery 2		13.630	7.33%				
GD2188-01	24-034 Smart Phone, Model XT2451, Battery 2, Flex				2.31%		Main: Al Si S Cu; Other: P Cl K Ca Ti V Mn Fe Co Ni Zn Ga; Trace: Cr Zr Ba La Pb. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Zn; **Controlled**: Ni **Pb**.
GD2188-02	24-034 Smart Phone, Model XT2451, Battery 2, Black glue strip 1				0.07%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni Zn; Trace: Mn Co Cu Ga Sn Sb.	Reportable: Al Fe Co Zn Si P;
GD2188-03	24-034 Smart Phone, Model XT2451, Battery 2, Black glue strip 2				0.64%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu; Trace: Ti Co Zn.	Reportable: Al Fe Co Si;
GD2188-04	24-034 Smart Phone, Model XT2451, Battery 2, Outer cover				4.51%		Main: Al Fe; Other: Si P S Cl K Ca Ti V Cr Ni Cu Zn Ga; Trace: Pr.	Reportable: Al Cr** Fe Cu;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2188-05	24-034 Smart Phone, Model XT2451, Battery 2, White foil				6.32%	PE	Main: Al P S Cu; Other: Si K Ca Fe Co; Trace: Cl Ti Cr Mn Ni Zn Ga Sb.	Reportable: Al Fe Co Cu P;
GD2188-06	24-034 Smart Phone, Model XT2451, Battery 2, Silver foil				8.13%		Main: Al; Other: Si P Fe Co Cu; Trace: S Cl K Ca Ti V Mn Ni.	Reportable: Al Fe Co;
GD2188-07	24-034 Smart Phone, Model XT2451, Battery 2, Copper foil				9.93%		Main: Cu; Other: Al Si P S Cl K Cr Fe Nd; Trace: Ca Ti Mn Co Ni Ga Ge Y Zr Nb Ba.	Reportable: Al Cr Fe Co Cu Nd;
GD2188-08	24-034 Smart Phone, Model XT2451, Battery 2, Blue glue strip				0.06%	PET 80% SEBS 20%	Main: Co; Other: Al Si P S K Ca Fe Ni Cu; Trace: Cl Ti Mn Zn Sb.	Reportable: Al Fe Co Cu P;
GD2188-09	24-034 Smart Phone, Model XT2451, Battery 2, Green glue strips 1				0.50%	PET 80% Acrylic 20%	Main: Co Ni; Other: Al Si P S Cl K Ca Ti Fe Cu Zn Y Zr La Yb; Trace: V Cr Mn Sn Sb Te I Cs Ba Ce.	Reportable: Al Fe Co Cu Zn Y La P; Controlled: Ni.
GD2188-10	24-034 Smart Phone, Model XT2451, Battery 2, Green glue strips 2				0.81%	PET 80% Acrylic 20%	Main: Al Co Ni; Other: Si P S Cl K Ca Ti V Mn Fe Cu Zn; Trace: Cr Ga Y Zr Sn Sb.	Reportable: Al Fe Co Cu Zn P; Controlled: Ni.
GD2188-11	24-034 Smart Phone, Model XT2451, Battery 2, Contact 1				0.25%		Main: Al; Other: Si P S Ca Cr Fe Co; Trace: K Ti V Ni Cu Ga.	Reportable: Al Cr** Fe Co;
GD2188-12	24-034 Smart Phone, Model XT2451, Battery 2, Contact 2				0.56%		Main: P Ni Cu; Other: Al Si S Cl K Ti Cr Co Zn; Trace: Ca Mn Fe Ga Ge Y Zr Nb Sb Ba Pr Nd.	Reportable: Al Cr Co Cu; Controlled: Ni.
GD2188-13	24-034 Smart Phone, Model XT2451, Battery 2, Carbon coating				65.91%		Main: Si Co Cu; Other: Al P S Ca Ti Fe Y Zr; Trace: Cl K V Cr Mn La.	Reportable: Al Fe Co Cu Y Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2189-00	24-034 Smart Phone, Model XT2451, Volume buttons		0.124	0.07%				
GD2189-01	24-034 Smart Phone, Model XT2451, Volume buttons				75.00%		Main: Al Si S Cu; Other: P Cl K Ca Ti V Mn Fe Co Ni Zn Ga; Trace: Cr Zr Ba La.	Reportable: Al Fe Co Cu Zn; Controlled: Ni.
GD2189-02	24-034 Smart Phone, Model XT2451, Volume buttons, Black rubber inserts				25.00%	TPU	Other: Al Si P S Cl K Ca Fe Ni; Trace: Cu Zn.	Reportable: Al Fe;
GD2190-00	24-034 Smart Phone, Model XT2451, Front plastic frame		0.985	0.53%				
GD2190-01	24-034 Smart Phone, Model XT2451, Front plastic frame				96.04%	PMMA	Other: Al Si P S K Ca Fe In; Trace: Cl Ti Mn Co Ni Cu Sr Zr Sn Ba La.	Reportable: Al Fe Co P;
GD2190-02	24-034 Smart Phone, Model XT2451, Front plastic frame, Black glue strips				3.25%	Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Sn Sb.	Reportable: Al Fe Co Cu Si P;
GD2190-03	24-034 Smart Phone, Model XT2451, Front plastic frame, Metallic glue strip				0.71%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Co Ga Zr Sn Sb Ta.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2191-00	24-034 Smart Phone, Model XT2451, Display connection flex		1.935	1.04%				
GD2191-01	24-034 Smart Phone, Model XT2451, Display connection flex, Metal plate				40.26%		Main: Cr Fe Ni Cu; Other: Si P S Cl K Ca V Mn Co; Trace: Al Zn Ga Ge Mo Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2191-02	24-034 Smart Phone, Model XT2451, Display connection flex, Metallic glue strip 1				3.41%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe; Trace: Cl K Mn Ga Y Zr Pd Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2191-03	24-034 Smart Phone, Model XT2451, Display connection flex, Metallic				2.43%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe;	Reportable: Al Fe Co Cu Si P; Controlled: Ni.

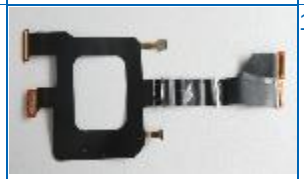
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	glue strip 2						Trace: Cr Mn Co Ga Pd Sn Sb I.	
GD2191-04	24-034 Smart Phone, Model XT2451, Display connection flex, Black glue strip 1				4.29%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe Ni Cu; Trace: Cl K Ti Co Zn Sn Sb.	Reportable: Al Fe Co Cu;
GD2191-05	24-034 Smart Phone, Model XT2451, Display connection flex, Black glue strip 2				0.26%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Fe Co Ni; Trace: Ti Mn Cu Zn Ga.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2191-06	24-034 Smart Phone, Model XT2451, Display connection flex, Black glue strip 3				0.05%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Co Ni Cu; Trace: Ti Mn Zn Ag Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2191-07	24-034 Smart Phone, Model XT2451, Display connection flex, Metallic glue strips 3				0.88%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe; Trace: Cl K Mn Ga Zr Pd Sn Sb Ba Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2191-08	24-034 Smart Phone, Model XT2451, Display connection flex				48.42%		Main: Al Si Ni Cu Sn; Other: P S Cl K Ca Ti Fe Zr Ag Ba Ta Au; Trace: Mn Ga Ge Sr Mo Pd I Tl Pb. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba Au Si P; **Controlled**: Ni **Pb**.
GD2192-00	24-034 Smart Phone, Model XT2451, Display		17.292	9.29%				
GD2192-01	24-034 Smart Phone, Model XT2451, Display, Front foil				18.62%	PMMA 80% Acrylic 20%	Main: Al Si K; Other: P S Cl Ca Fe Zr Sn; Trace: Ti Co Ni Cu Mo Sb Hf.	Reportable: Al Fe Co Sn Si P;
GD2192-02	24-034 Smart Phone, Model XT2451, Display, Metal plates				55.26%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Ti Zn Ge Nb Rh Sn Ba W.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2192-03	24-034 Smart Phone, Model XT2451, Display,				10.28%	PET 80% Acrylic 20%	Other: Al Si P Ca Ti Ni Cu Ag;	Reportable: Al Cu Ag;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	LCD foil 1						Trace: S K Fe Br Sb I Ba Yb.	Controlled: Ni.
GD2192-04	24-034 Smart Phone, Model XT2451, Display, LCD foil 2				9.15%	PET	Other: Al Si P S K Ca Ti Mo Ag In; Trace: V Mn Ga Sb.	Reportable: Al Ag P;
GD2192-05	24-034 Smart Phone, Model XT2451, Display, Black foil				4.61%	PAI 80% Acrylic 20%	Other: Al Si P S K Ca Ti Fe; Trace: Cl Mn Ni Cu Zn Ag.	Reportable: Al Fe;
GD2192-06	24-034 Smart Phone, Model XT2451, Display, Metal grid plate				1.71%		Main: Si Cr Mn Fe Ni; Other: P S Cl K Ca Ti V Cu Mo; Trace: Al Zn Ge Nb Sn Ba.	Reportable: Cr Fe Cu; Controlled: Ni.
GD2192-07	24-034 Smart Phone, Model XT2451, Display, Black glue strip 1				0.28%	Acrylic	Other: Al Si P S Cl K Ca Fe; Trace: Ti Ni Cu Zn.	Reportable: Al Fe;
GD2192-08	24-034 Smart Phone, Model XT2451, Display, Black glue strip 2				0.08%	PUR	Other: Al Si P S Cl K Ca Fe Ni Ag; Trace: Ti Cr Mn Co Cu Zn Mo Yb W Bi.	Reportable: Al Fe Co Ag Si P;
GD2193-00	24-034 Smart Phone, Model XT2451, Connection flex		0.264	0.14%			Main: P S Fe Ni Cu; Other: Al Si Cl K Ca Mn Co Zn Ag Sn I Ba; Trace: Ti Cr Ga Sr Mo Sb. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Zn Ag Sn Ba Si P; Controlled: Ni.
GD2194-00	24-034 Smart Phone, Model XT2451, Geared hinge		15.938	8.57%				
GD2194-01	24-034 Smart Phone, Model XT2451, Geared hinge, Metal plate 1				17.42%		Main: Al S Zn; Other: Si P Cl K Ti V Cr Mn Fe Ni Cu Ga Zr; Trace: Ca Ge Sr.	Reportable: Al Cr** Fe Cu Zn; Controlled: Ni.
GD2194-02	24-034 Smart Phone, Model XT2451, Geared hinge, Black plastic parts				4.68%	PEEK	Other: Al Si P S Ca Fe Zn; Trace: Cl K Ti Ni Ce.	Reportable: Al Fe;
GD2194-03	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 1				27.92%		Main: P Cr Fe Ni Cu; Other: Si S Cl K Ca V Mn Co Zn Nb Mo Bi; Trace: Al Rh Ba La Pr.	Reportable: Cr Fe Co Cu Zn Bi; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2194-04	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 2				4.88%		Main: P Cr Fe Ni; Other: Si S Cl K Ca V Mn Cu Zn Nb Mo Bi; Trace: Al Co Ge Rh Ba Pr.	Reportable: Cr Fe Co Cu Zn Bi; Controlled: Ni.
GD2194-05	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 3				13.57%		Main: Cr Fe Co Ni Mo; Other: Si P Cl K Ca Zn Nb; Trace: Al Rh Ba Pr.	Reportable: Cr** Fe Co Zn; Controlled: Ni.
GD2194-06	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 4				5.67%		Main: Cr Fe Co Ni Mo; Other: Si P Cl K Ca Cu Nb CrVI; Trace: Al Ru Rh Ba Ce Pr.	Reportable: Fe Co Cu; Controlled: Ni **CrVI.**
GD2194-07	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 5				8.78%		Main: P Cr Fe Co Ni Mo; Other: Si S Cl K Ca V Mn Cu Nb Bi; Trace: Al Ru Rh Ba Ce Pr U.	Reportable: Cr Fe Co Cu Bi; Controlled: Ni.
GD2194-08	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 6				1.48%		Main: P S Cr Fe Co Ni Mo; Other: Si Cl K Ca V Mn Cu Zn Nb; Trace: Al Ti Ge Rh Ba.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GD2194-09	24-034 Smart Phone, Model XT2451, Geared hinge, Metal parts 7				1.48%		Main: P S Cr Fe Co Ni Mo; Other: Si Cl K Ca V Mn Cu Nb; Trace: Al Ti Rh Ba Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2194-10	24-034 Smart Phone, Model XT2451, Geared hinge, Springs				2.50%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Zn Nb Mo; Trace: Al Ti Ge Rh Sn Sb Cs Ba Pr.	Reportable: Cr** Fe Co Cu Zn; Controlled: Ni.
GD2194-11	24-034 Smart Phone, Model XT2451, Geared hinge, Metal rods 1				2.61%		Main: P S Cr Fe Ni; Other: Si Cl K Ca V Mn Cu Zn Mo Bi; Trace: Al Nb Ba.	Reportable: Cr** Fe Cu Bi; Controlled: Ni.
GD2194-12	24-034 Smart Phone, Model XT2451, Geared hinge, Metal rods 2				0.95%		Main: Si S Fe Ni; Other: P Cl K Ca Ti Cr Mn Cu Zn Mo; Trace: Al Ge Br Y Zr Nb Rh Sb Ba Th U.	Reportable: Cr Fe Cu Zn; Controlled: Ni.
GD2194-13	24-034 Smart Phone, Model XT2451, Geared hinge, Metal plate 2				3.25%		Main: P Cr Fe Ni Cu; Other: Si S Cl K Ca V Mn Nb Mo Bi; Trace: Al Ge Rh Ba Pr.	Reportable: Cr** Fe Cu Bi; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2194-14	24-034 Smart Phone, Model XT2451, Geared hinge, Metal plate 3				0.14%		Main: P Ca Fe Ni; Other: Si S Cl K Cr Mn Zn; Trace: Al Ti Co Cu Ge Mo Th U.	Reportable: Cr Fe Co Zn; Controlled: Ni.
GD2194-15	24-034 Smart Phone, Model XT2451, Geared hinge, Metal ring				0.18%		Main: S Cr Fe; Other: Si P Cl K Ca V Mn Ni Cu Zn Th; Trace: Al Ti Ge Br Sr Y Nb Sb Ba U.	Reportable: Cr Fe Cu Zn; Controlled: Ni.
GD2194-16	24-034 Smart Phone, Model XT2451, Geared hinge, Metal rods 3				0.10%		Main: P S Cl Cr Fe; Other: Si K Ca Ti V Mn Ni Cu Zn Mo Th U; Trace: Al Br Sr Y Zr Nb Cs Ba Bi.	Reportable: Cr Fe Cu Zn; Controlled: Ni.
GD2194-17	24-034 Smart Phone, Model XT2451, Geared hinge, Black plastic parts				0.41%	PBT	Other: Al Si P S Cl K Ca Fe; Trace: Ti Cr Ni Cu Zn.	Reportable: Al Fe Si P;
GD2194-18	24-034 Smart Phone, Model XT2451, Geared hinge, Metal pins				1.62%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca Ti V Cu Zn Mo Bi; Trace: Al Zr Nb Sn Sb Ba La Th.	Reportable: Cr Fe Cu Zn Bi; Controlled: Ni.
GD2194-19	24-034 Smart Phone, Model XT2451, Geared hinge, Black screws				1.31%		Main: S Fe Zn; Other: Al Si P Cl K Ca Ti Cr Mn Co Ni Cu; Trace: Ge Zr Nb Tl Bi Th.	Reportable: Cr Fe Co Zn; Controlled: Ni.
GD2194-20	24-034 Smart Phone, Model XT2451, Geared hinge, Black shock pad 1				0.08%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Ga Hf.	Reportable: Al Fe Si;
GD2194-21	24-034 Smart Phone, Model XT2451, Geared hinge, Black glue strips 2				0.17%	PTFE	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Cr Mn Co Cu Mo Sb.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GD2194-22	24-034 Smart Phone, Model XT2451, Geared hinge, Black glue strips 3				0.06%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Co Cu Nb Sn Hf.	Reportable: Al Fe Co Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2194-23	24-034 Smart Phone, Model XT2451, Geared hinge, Black shock pad 2				0.06%	PUR	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Cr Mn Co Sb.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GD2194-24	24-034 Smart Phone, Model XT2451, Geared hinge, Black glue strips 4				0.32%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Cr Mn Co Cu Zn Sn Sb.	Reportable: Al Fe Co Si P;
GD2194-25	24-034 Smart Phone, Model XT2451, Geared hinge, Black glue strips 5				0.36%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Zn; Trace: Cr Mn Cu Sn Sb Bi.	Reportable: Al Fe Si P;
GD2194-26	24-034 Smart Phone, Model XT2451, Geared hinge, Clear glue strip				0.01%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Co Ni Cu Zn; Trace: Ti Cr Ag.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GD2195-00	24-034 Smart Phone, Model XT2451, Charging coil		2.493	1.34%				
GD2195-01	24-034 Smart Phone, Model XT2451, Charging coil, Flex 1				4.93%		Main: Al Si P Fe Cu Nb; Other: S Cl K Ca Cr Mn Co Zr; Trace: Ti Ru Sn Sb Cs Ba La Ce.	Reportable: Al Cr Fe Co Cu Si P;
GD2195-02	24-034 Smart Phone, Model XT2451, Charging coil, Flex 2				1.93%		Main: Cu; Other: Al Si P S Cl K Ca Cr Fe Ni Zn Zr Sn; Trace: Ti Mn Nb Ag Sb Ba W. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Cu Zn Sn Si P; Controlled: Ni.
GD2195-03	24-034 Smart Phone, Model XT2451, Charging coil, Black glue strip 1				58.64%	PET 80% Acrylic 20%	Main: Si Fe Cu Nb; Other: Al P S Cl Ca Cr Mn; Trace: K Ti V Ru Rh Pd Sn Sb Cs Ba.	Reportable: Al Cr Fe Cu Si P;
GD2195-04	24-034 Smart Phone, Model XT2451, Charging coil, Black glue strip 2				2.21%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Nb; Trace: Ti Mn Cu Zn Sb Ba Bi.	Reportable: Al Fe Si P;
GD2195-05	24-034 Smart Phone, Model XT2451, Charging coil, Black glue strip 3				0.64%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu Zn Nb;	Reportable: Al Fe Cu Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Trace: Ti Cr Mn Sn Sb.	
GD2195-06	24-034 Smart Phone, Model XT2451, Charging coil, Copper wire				31.65%		Main: Cu; Other: Al Si P S Cl Zn; Trace: Ca Mn Fe Ga Ge Y Zr Nb Mo Ru Rh Ba Ce Pr Nd Bi U.	Reportable: Al Cu Zn;
GD2196-00	24-034 Smart Phone, Model XT2451, NFC flex		1.846	0.99%			Main: P Ni Cu Ag; Other: Al Si S Cl K Ca Fe Co Zn Zr Au; Trace: Ti Mn Ga As Ru Ba Ce Tl Bi U. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Zn Ag Au Si P; Controlled: Ni.
GD2197-00	24-034 Smart Phone, Model XT2451, Flex		0.084	0.05%				
GD2197-01	24-034 Smart Phone, Model XT2451, Flex, Black glue strip				13.10%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca Fe Sb Yb W; Trace: K Ti V Mn Ni Cu Zn Ge Se Nb Mo Cs.	Reportable: Al Fe Sb W;
GD2197-02	24-034 Smart Phone, Model XT2451, Flex, Metallic glue strip				1.19%	Acrylic	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Co Ga Nb Ag Sn Sb Ta.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2197-03	24-034 Smart Phone, Model XT2451, Flex				85.71%		Main: Al Si Ni Cu; Other: P S Cl K Ca Ti Cr Mn Fe Zr Ag Sn Ba Ta; Trace: Ga Ge Sr Mo Pd. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Cu Ag Sn Ba Si P; Controlled: Ni.
GD2198-00	24-034 Smart Phone, Model XT2451, Lower metal bracket		17.850	9.59%				
GD2198-01	24-034 Smart Phone, Model XT2451, Lower				91.04%		Main: Al S Zn; Other: Si P Cl K Mn Fe Co Ni	Reportable: Al Fe Co Cu Zn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	metal bracket						Cu; Trace: Ca Ti V Cr Ga Sr Zr.	Controlled: Ni.
GD2198-02	24-034 Smart Phone, Model XT2451, Lower metal bracket, Black plastic part				4.03%	PBT	Main: Al Si Ca; Other: P S Cl K Ti Fe Cu Zr Ba; Trace: Mn Ni Zn Sr Y Mo Hf.	Reportable: Al Fe Cu Ba Si P;
GD2198-03	24-034 Smart Phone, Model XT2451, Lower metal bracket, Black glue strip				0.09%	PET	Other: Al Si P S Ca Fe Ni; Trace: Cl K Ti Co Cu Zn Zr Sb.	Reportable: Al Fe Co Si P;
GD2198-04	24-034 Smart Phone, Model XT2451, Lower metal bracket, Black net				0.01%	PET	Main: Si P; Other: Al S Cl K Ca Ti Fe Ni; Trace: Cr Mn Co Cu Zn Ag Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2198-05	24-034 Smart Phone, Model XT2451, Lower metal bracket, Clear glue strip 1				0.02%	Silicone	Main: Si P; Other: Al S Cl K Ca Ti Fe Ni Cu; Trace: V Cr Mn Co Zn Zr Sb Hf.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2198-06	24-034 Smart Phone, Model XT2451, Lower metal bracket, Clear glue strip 2				0.02%	PET 80% Acrylic 20%	Main: Si; Other: P S Cl K Ca Fe Ni Cu Zn Zr; Trace: Ti Mn Sn Sb.	Reportable: Fe Cu Zn Si P;
GD2198-07	24-034 Smart Phone, Model XT2451, Lower metal bracket, Golden metal plates				0.04%		Main: Si P S Ni Cu Sn Au; Other: Al Cl K Ca Ti Ge; Trace: Mn Zn Zr Nb Sb Ba La.	Reportable: Cu Sn Au; Controlled: Ni.
GD2198-08	24-034 Smart Phone, Model XT2451, Lower metal bracket, Magnet 1				3.26%		Main: Fe Ni Cu Pr; Other: Al Si S Cl V Co Zn Ga Rb Y Zr Nb Mo Th U; Trace: Ca Mn Se Br Ru Rh In Sb Bi.	Reportable: Al Fe Co Cu Zn Rb Y Pr; Controlled: Ni.
GD2198-09	24-034 Smart Phone, Model XT2451, Lower metal bracket, Magnet 2				1.48%		Main: Si Fe Ni Cu Pr; Other: Al S Cl Y Zr Nb Mo U; Trace: Ca V Co Ge Br Rb Rh Sb Bi Th.	Reportable: Al Fe Co Cu Y Pr; Controlled: Ni.
GD2199-00	24-034 Smart Phone, Model XT2451, Volume button flex		0.128	0.07%				

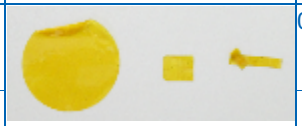
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2199-01	24-034 Smart Phone, Model XT2451, Volume button flex, Black plastic part				41.41%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: Mn Ni Cu Zn Sr Zr.	Reportable: Al Fe Si P;
GD2199-02	24-034 Smart Phone, Model XT2451, Volume button flex, Black glue strip				0.78%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Co Zn Zr Sb Hf.	Reportable: Al Fe Co P;
GD2199-03	24-034 Smart Phone, Model XT2451, Volume button flex				57.81%		Main: Si Ni Cu; Other: Al P S Cl K Ca Ti Fe Zr Ag Au; Trace: Cr Mn Mo Sn. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Au Si P; Controlled: Ni.
GD2200-00	24-034 Smart Phone, Model XT2451, Power button flex		0.268	0.14%			Main: Al Si Cu; Other: P S Cl K Ca Ti Fe Ni Zr Ag Sn Ba Hf; Trace: Co Zn Ga Sr Mo I W. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Ag Sn Ba Si P;
GD2201-00	24-034 Smart Phone, Model XT2451, Upper metal bracket		17.208	9.25%				
GD2201-01	24-034 Smart Phone, Model XT2451, Upper metal bracket, Black glue strip				0.16%	TPU	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn.	Reportable: Al Fe Co Si;
GD2201-02	24-034 Smart Phone, Model XT2451, Upper metal bracket, Golden metal plates				0.16%		Main: P S Ni Cu Sn Au; Other: Al Si Cl K Fe Zn Ge; Trace: Ca Ti Mn Zr I La.	Reportable: Fe Cu Zn Sn Au; Controlled: Ni.
GD2201-03	24-034 Smart Phone, Model XT2451, Upper metal bracket, Clear glue strip				0.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Zn Sb.	Reportable: Al Fe Cu P;
GD2201-04	24-034 Smart Phone, Model XT2451, Upper metal bracket, White glue strip				0.01%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S K Ca Fe Ni Zn; Trace: Cl V Cu Zr Sn Sb.	Reportable: Al Fe P; Controlled: Ni.

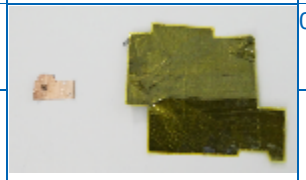
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
GD2201-05	24-034 Smart Phone, Model XT2451, Upper metal bracket, Gray ruber plate				0.01%	Silicone	Main: Si P; Other: Al S K Ca Fe Ni Cu Zn; Trace: Cl Ti Mn Sn Sb.	Reportable: Al Fe Si P;
GD2201-06	24-034 Smart Phone, Model XT2451, Upper metal bracket, Magnet 1				2.91%		Main: Fe Ni Cu Pr; Other: Al Si S Cl Zn Y Zr Nb Mo U; Trace: Ca V Co Se Rb Ru Rh In Sb Bi Th.	Reportable: Al Fe Co Cu Zn Y Pr; Controlled: Ni.
GD2201-07	24-034 Smart Phone, Model XT2451, Upper metal bracket, Magnet 2				1.70%		Main: Cl Fe Co Ni Cu Pr; Other: Al Si S K V Zn Ga Sr Y Zr Nb Mo Tl Th U; Trace: Ca Ge Br In Sb Te.	Reportable: Fe Co Cu Zn Y Pr Tl; Controlled: Ni.
GD2201-08	24-034 Smart Phone, Model XT2451, Upper metal bracket, Black plastic part				8.26%	PBT	Main: Al Si Ca; Other: P S K Fe Cu Zr Ba; Trace: Cl Ti Mn Ni Zn Sr Y Mo Hf.	Reportable: Al Fe Cu Ba Si P;
GD2201-09	24-034 Smart Phone, Model XT2451, Upper metal bracket				86.77%		Main: Al S Zn; Other: Si P Cl K Ti V Cr Mn Fe Ni Cu Ga Zr Ba; Trace: Ca Ge Sr Ce Pr.	Reportable: Al Cr** Fe Cu Zn Ba; Controlled: Ni.
GD2202-00	24-034 Smart Phone, Model XT2451, Label 1-11		0.020	0.01%				
GD2202-01	24-034 Smart Phone, Model XT2451, Label 1				25.00%	Paper 80% Acrylic 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe Ni; Trace: Mn Cu Zn Sr Zr Sn Sb Hf.	Reportable: Al Fe Si P;
GD2202-02	24-034 Smart Phone, Model XT2451, Label 2				10.00%	PAI 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca V Fe Ni Zr Nb; Trace: Co Cu Zn Sb Hf Ta.	Reportable: Al Fe Co P;
GD2202-03	24-034 Smart Phone, Model XT2451, Label 3				15.00%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca V Fe Ni; Trace: Mn Co Cu Zn Zr Nb Sn Sb W.	Reportable: Al Fe Co Si P;
GD2202-04	24-034 Smart Phone, Model XT2451, Label 4				5.00%	PAI 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca V Mn	Reportable: Al Fe P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Fe Ni Cu Zn Zr; Trace: Nb Sn Sb Hf.	Controlled: Ni.
GD2202-05	24-034 Smart Phone, Model XT2451, Label 5				5.00%	PAI 80% Acrylic 20%	Main: P Ti; Other: Al Si S Cl K Ca V Mn Fe Ni Zn; Trace: Cu Zr Nb Sn Sb Hf.	Reportable: Al Fe P; Controlled: Ni.
GD2202-06	24-034 Smart Phone, Model XT2451, Label 6				5.00%	PE 50% SEBS 50%	Main: Ca; Other: Al Si P S Cl K Mn Fe Ni Cu Zn; Trace: Ti Cr Sr Zr Sn.	Reportable: Al Fe Cu Zn Si P; Controlled: Ni.
GD2202-07	24-034 Smart Phone, Model XT2451, Label 7				10.00%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: V Mn Co Cu Zn Nb Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GD2202-08	24-034 Smart Phone, Model XT2451, Label 8				10.00%	PAI 80% Acrylic 20%	Main: Si Ti; Other: Al P S Cl K Ca V Fe Ni Cu Zn Zr; Trace: Mn Nb Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2202-09	24-034 Smart Phone, Model XT2451, Label 9				5.00%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Mn Fe Ni Cu Zn; Trace: Ti Sr Zr Sn W.	Reportable: Al Fe Cu Zn Si P; Controlled: Ni.
GD2202-10	24-034 Smart Phone, Model XT2451, Label 10				5.00%	PET 80% Acrylic 20%	Main: Al Ti; Other: Si P S Cl K Ca Fe Ni; Trace: V Mn Cu Zn Zr Nb Sb.	Reportable: Al Fe Si P;
GD2202-11	24-034 Smart Phone, Model XT2451, Label 11				5.00%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: V Cr Mn Co Cu Zn Zr Nb Sb.	Reportable: Al Fe Si P;
GD2203-00	24-034 Smart Phone, Model XT2451, Black shock pad 1-17		0.141	0.08%				
GD2203-01	24-034 Smart Phone, Model XT2451, Black shock pad 1				5.67%	PUR	Main: Si; Other: Al P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Co Cu Zn.	Reportable: Al Fe Co Si P;
GD2203-02	24-034 Smart Phone, Model XT2451, Black shock pad 2				2.84%	PUR	Main: P; Other: Al Si S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn.	Reportable: Al Fe Si P;

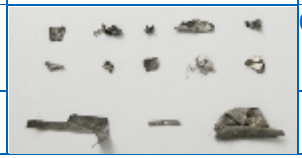
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2203-03	24-034 Smart Phone, Model XT2451, Black shock pad 3				9.22%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Cr Mn Cu Zn Ga Nb Sb.	Reportable: Al Fe;
GD2203-04	24-034 Smart Phone, Model XT2451, Black shock pad 4				4.26%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni Cu; Trace: K Cr Mn Zn Ga Sb.	Reportable: Al Fe;
GD2203-05	24-034 Smart Phone, Model XT2451, Black shock pad 5				2.13%	PET 40% PUR 40% Acrylic 20%	Main: Ca; Other: Al Si P S K Fe Ni Cu; Trace: Cl Ti Mn Co Zn Sr Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GD2203-06	24-034 Smart Phone, Model XT2451, Black shock pad 6				1.42%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn Ag Sn Sb Hf.	Reportable: Al Fe Si P; Controlled: Ni.
GD2203-07	24-034 Smart Phone, Model XT2451, Black shock pad 7				2.84%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Zn Sb.	Reportable: Al Fe Cu Si P;
GD2203-08	24-034 Smart Phone, Model XT2451, Black shock pad 8				2.13%	PET 40% PUR 40% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Fe; Trace: Ti V Cr Mn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2203-09	24-034 Smart Phone, Model XT2451, Black shock pad 9				4.26%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Zn Sr Zr Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2203-10	24-034 Smart Phone, Model XT2451, Black shock pad 10				0.71%	PE 80% Acrylic 20%	Other: Al Si P S K Ca Fe Ni Zn; Trace: Ti Mn Co Cu.	Reportable: Al Fe Co Zn P; Controlled: Ni.
GD2203-11	24-034 Smart Phone, Model XT2451, Black shock pad 11				4.96%	PET 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn Ga Sb.	Reportable: Al Fe;
GD2203-12	24-034 Smart Phone, Model XT2451, Black shock pad 12				15.60%	PET 40% Silicone 40% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Zn; Trace: Ti Mn Ni Cu Zr Sb.	Reportable: Al Fe Zn Si P;
GD2203-13	24-034 Smart Phone, Model XT2451, Black shock pad 13				2.84%	PET 40% PUR 40% Acrylic 20%	Main: P Fe; Other: Al Si S Cl K Ca Mn Ni Cu; Trace: Ti Cr Zn Ga Sb.	Reportable: Al Fe Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2203-14	24-034 Smart Phone, Model XT2451, Black shock pad 14				6.38%	PET 40% Silicone 40% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Mn Fe Ni Cu Zn; Trace: Cr Co Zr Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2203-15	24-034 Smart Phone, Model XT2451, Black shock pad 15				7.09%	PET 40% PE 40% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Cr Mn Cu Zr Sb Yb.	Reportable: Al Fe Zn Si;
GD2203-16	24-034 Smart Phone, Model XT2451, Black shock pad 16+17				25.53%	PET 50% PA 50%	Main: P; Other: Al Si S K Ca Fe Ni Zn; Trace: Cl Ti Cr Mn Co Cu Sb.	Reportable: Al Fe Co Zn P;
GD2203-17	24-034 Smart Phone, Model XT2451, Black shock pad 18				2.13%	PET 80% Phenolic resin 20%	Main: P; Other: Al Si S K Ca Fe Ni Zn; Trace: Ti Cr Mn Co Cu Sb.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GD2204-00	24-034 Smart Phone, Model XT2451, Black glue strip 1-7		0.496	0.27%				
GD2204-01	24-034 Smart Phone, Model XT2451, Black glue strip 1				0.20%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Ti Fe Ni Cu; Trace: Cr Mn Zn Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2204-02	24-034 Smart Phone, Model XT2451, Black glue strip 2				3.43%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Fe; Trace: Cl Ti Mn Ni Cu Zn Br Sb.	Reportable: Al Fe;
GD2204-03	24-034 Smart Phone, Model XT2451, Black glue strip 3				16.53%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Sb Bi.	Reportable: Al Fe Co Cu Si P;
GD2204-04	24-034 Smart Phone, Model XT2451, Black glue strip 4				37.30%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe Ni; Trace: Cl K Co Cu Sb Bi.	Reportable: Al Fe Co Si P;
GD2204-05	24-034 Smart Phone, Model XT2451, Black glue strip 5				0.81%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Ti Fe Ni; Trace: Cl Mn Cu Zn Sb.	Reportable: Al Fe Si P;
GD2204-06	24-034 Smart Phone, Model XT2451, Black glue strip 6				40.12%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Fe Sb; Trace: Cl Ti Ni Cu Zn.	Reportable: Al Fe Sb;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2204-07	24-034 Smart Phone, Model XT2451, Black glue strip 7				1.61%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Yb W; Trace: Ti V Cr Mn Cu Zn Ge Se Mo Sb Cs Hf.	Reportable: Al Fe W Si P;
GD2205-00	24-034 Smart Phone, Model XT2451, Black glue pad 1-5		0.915	0.49%				
GD2205-01	24-034 Smart Phone, Model XT2451, Black glue pad 1				19.13%	PE 80% Acrylic 20%	Other: Al Si P S Ca Fe Zn; Trace: Cl K Ti Cu Ag Ce Yb.	Reportable: Al Fe Zn;
GD2205-02	24-034 Smart Phone, Model XT2451, Black glue pad 2				21.64%	PE 40% PUR 40% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Cu Zr Ba.	Reportable: Al Fe Zn Si; Controlled: Ni.
GD2205-03	24-034 Smart Phone, Model XT2451, Black glue pad 3				54.21%	Acrylic	Other: Al Si P S Cl K Ca Fe; Trace: Ti Co Ni Cu Zn.	Reportable: Al Fe Co;
GD2205-04	24-034 Smart Phone, Model XT2451, Black glue pad 4				4.92%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Yb.	Reportable: Al Fe Cu Zn; Controlled: Ni.
GD2205-05	24-034 Smart Phone, Model XT2451, Black glue pad 5				0.11%	Acrylic	Main: P; Other: Al Si S Cl K Ca Mn Fe Ni Zn; Trace: Ti Cu Sn Sb.	Reportable: Al Fe Zn Si P;
GD2206-00	24-034 Smart Phone, Model XT2451, Yellow glue strip 1-3		0.024	0.01%				
GD2206-01	24-034 Smart Phone, Model XT2451, Yellow glue strip 1				91.67%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Ca Fe; Trace: Cl K Ti Ni Cu Zn.	Reportable: Al Fe Si P;
GD2206-02	24-034 Smart Phone, Model XT2451, Yellow glue strip 2				4.17%	PAI 80% Silicone 20%	Main: Si; Other: Al P S Cl K Ca Mn Fe Ni; Trace: Ti Cr Cu Zn Sn Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GD2206-03	24-034 Smart Phone, Model XT2451, Yellow glue strip 3				4.17%	PAI 80% Silicone 20%	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Cr Mn Co Sn Sb.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.

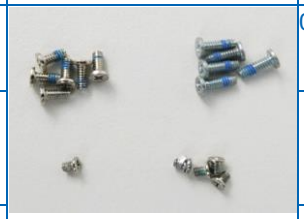
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2207-00	24-034 Smart Phone, Model XT2451, Clear glue strip 1-4		0.191	0.10%				
GD2207-01	24-034 Smart Phone, Model XT2451, Clear glue strip 1				65.45%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ni Cu Zn Sb.	Reportable: Al Fe;
GD2207-02	24-034 Smart Phone, Model XT2451, Clear glue strip 2				1.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Co Zn Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2207-03	24-034 Smart Phone, Model XT2451, Clear glue strip 3				31.41%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Fe Ni Zn; Trace: Cl Ti Cr Mn Cu Sb.	Reportable: Al Fe Zn;
GD2207-04	24-034 Smart Phone, Model XT2451, Clear glue strip 4				2.09%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni Cu Zn Ta; Trace: Ti Sb.	Reportable: Al Fe Cu Zn Si P; Controlled: Ni.
GD2208-00	24-034 Smart Phone, Model XT2451, Copper, Yellow/Black glue strip		0.989	0.53%				
GD2208-01	24-034 Smart Phone, Model XT2451, Copper glue strip				2.12%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe Ta; Trace: Cl K Ti Cr Mn Ga Zr Nb Ag Sn Sb Cs Ba U.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2208-02	24-034 Smart Phone, Model XT2451, Yellow/Black glue strip				97.88%	Carbon 80% PAI 20%	Other: Al Si P Ca; Trace: S Cl K Fe Zr Mo Sb Ce W.	Reportable: Al;
GD2209-00	24-034 Smart Phone, Model XT2451, Black, White glue		0.066	0.04%				
GD2209-01	24-034 Smart Phone, Model XT2451, Black glue				34.85%	PET 60% Acrylic 40%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Cr Fe Ta; Trace: Mn Ga Mo Sb.	Reportable: Al Cr Fe Cu Si P; Controlled: Ni.
GD2209-02	24-034 Smart Phone, Model XT2451, White glue				65.15%	PUR	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Cu.	Reportable: Al Fe Zn Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2210-00	24-034 Smart Phone, Model XT2451, Blue thermal paste		0.102	0.05%		Silocone	Main: Al; Other: Si P S Cl K Ca Fe Zn Y; Trace: Ti V Ni Cu Ga Sb.	Reportable: Al Fe Y Si P;
GD2211-00	24-034 Smart Phone, Model XT2451, Humidity indicator, Paper strip		0.004	0.00%				
GD2211-01	24-034 Smart Phone, Model XT2451, Humidity indicator				50.00%	Paper 80% Acrylic 20%	Main: P S Ca; Other: Al Si Cl K Ti Fe Co Ni Cu Zn; Trace: Mn Sr Sn Sb W.	Reportable: Al Fe Co Si P; Controlled: Ni.
GD2211-02	24-034 Smart Phone, Model XT2451, Paper strip				50.00%	PTFE	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Fe Co P;
GD2212-00	24-034 Smart Phone, Model XT2451, Metallic shock pad 1-15		0.095	0.05%				
GD2212-01	24-034 Smart Phone, Model XT2451, Metallic shock pad 1				11.58%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Mn Fe; Trace: Cr Nb Sn Sb.	Reportable: Al Fe Cu Si; Controlled: Ni.
GD2212-02	24-034 Smart Phone, Model XT2451, Metallic shock pad 2				10.53%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Sn Sb Ba Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-03	24-034 Smart Phone, Model XT2451, Metallic shock pad 3				1.05%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-04	24-034 Smart Phone, Model XT2451, Metallic shock pad 4				1.05%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe; Trace: Cr Pd Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-05	24-034 Smart Phone, Model XT2451, Metallic shock pad 5				2.11%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Co Sn Sb.	Reportable: Al Fe Co Cu P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
GD2212-06	24-034 Smart Phone, Model XT2451, Metallic shock pad 6				1.05%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Co Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2212-07	24-034 Smart Phone, Model XT2451, Metallic shock pad 7				9.47%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-08	24-034 Smart Phone, Model XT2451, Metallic shock pad 8				1.05%	PUR 60% PET 20% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe; Trace: Cr Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-09	24-034 Smart Phone, Model XT2451, Metallic shock pad 9				1.05%	PUR 60% PET 20% Acrylic 20%	Main: Al P Ni Cu; Other: Si S Cl K Ca Ti Mn Fe; Trace: Ga Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-10	24-034 Smart Phone, Model XT2451, Metallic shock pad 10				12.63%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Ti Fe; Trace: K V Mn Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-11	24-034 Smart Phone, Model XT2451, Metallic shock pad 11				8.42%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: V Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2212-12	24-034 Smart Phone, Model XT2451, Metallic shock pad 12				8.42%	PUR 60% PET 20% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Fe; Trace: Cr Mn Pd Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-13	24-034 Smart Phone, Model XT2451, Metallic shock pad 13				4.21%	PUR 70% PET 20% Acrylic 10%	Main: Al Ni Cu; Other: Si P S Cl Ca Ti Mn Fe; Trace: K Ga Y Zr Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-14	24-034 Smart Phone, Model XT2451, Metallic shock pad 14				5.26%	PUR 70% PET 20% Acrylic 10%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe; Trace: Cr Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2212-15	24-034 Smart Phone, Model XT2451, Metallic shock pad 15				22.11%	PUR 70% PET 20% Acrylic 10%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe; Trace: Cl K Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-00	24-034 Smart Phone, Model XT2451, Metallic glue strip 1-13		0.050	0.03%				
GD2213-01	24-034 Smart Phone, Model XT2451, Metallic				8.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Fe;	Reportable: Al Fe Cu Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	glue strip 1						Trace: Ti Cr Mn Ga Sn Sb Ta.	Controlled: Ni.
GD2213-02	24-034 Smart Phone, Model XT2451, Metallic glue strip 2				8.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S K Ca Mn Fe; Trace: Cl Ti Cr Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2213-03	24-034 Smart Phone, Model XT2451, Metallic glue strip 3				2.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Fe Co; Trace: Ti Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GD2213-04	24-034 Smart Phone, Model XT2451, Metallic glue strip 4				8.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe; Trace: V Ga Sn Sb Ba Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2213-05	24-034 Smart Phone, Model XT2451, Metallic glue strip 5				2.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Ga Zr Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-06	24-034 Smart Phone, Model XT2451, Metallic glue strip 6				2.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S K Ca Mn Fe; Trace: Cl Ti Cr Ag Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-07	24-034 Smart Phone, Model XT2451, Metallic glue strip 7				2.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Ca Fe; Trace: K Ti Mn Ag Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-08	24-034 Smart Phone, Model XT2451, Metallic glue strip 8				2.00%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Mn Fe; Trace: Ti Cr Ga Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2213-09	24-034 Smart Phone, Model XT2451, Metallic glue strip 9				2.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-10	24-034 Smart Phone, Model XT2451, Metallic glue strip 10				2.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe Ta; Trace: Cr Ga Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-11	24-034 Smart Phone, Model XT2451, Metallic glue strip 11				22.00%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Mn Fe; Trace: Ti Cr Ga Sn Sb Ba Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GD2213-12	24-034 Smart Phone, Model XT2451, Metallic glue strip 12				2.00%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GD2213-13	24-034 Smart Phone, Model XT2451, Metallic				38.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Ti Fe	Reportable: Al Fe Cu P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	glue strip 13						Ta; Trace: K V Mn Ga Zr Sn Sb I Cs Ba La Ce.	Controlled: Ni.
GD2214-00	24-034 Smart Phone, Model XT2451, Black rubber seal 1-2, Clear rubber plate		0.034	0.02%				
GD2214-01	24-034 Smart Phone, Model XT2451, Black rubber seal 1				23.53%	PUR	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;
GD2214-02	24-034 Smart Phone, Model XT2451, Black rubber seal 2				47.06%	Silicone	Main: Si; Other: P S Cl K Ca Fe; Trace: Ti Co Ni Cu Zn Zr.	Reportable: Fe Co Si P;
GD2214-03	24-034 Smart Phone, Model XT2451, Clear rubber plate				29.41%	PC	Other: Al Si P S Ca; Trace: Cl K Ti Fe Ni Cu Zn.	Reportable: Al;
GD2215-00	24-034 Smart Phone, Model XT2451, Plastic parts		0.273	0.15%				
GD2215-01	24-034 Smart Phone, Model XT2451, Clear plastic plate				6.23%	PET	Other: Al Si P S Ca Fe Sb; Trace: Cl K Ni Cu Zn.	Reportable: Al Fe Sb;
GD2215-02	24-034 Smart Phone, Model XT2451, Blue plastic part				13.19%	PC	Main: Si; Other: Al P S Ca Ti; Trace: Cl K V Fe Ni Cu.	Reportable: Al Si P;
GD2215-03	24-034 Smart Phone, Model XT2451, Black plastic insert				49.08%	PC	Other: Al Si P S Ca; Trace: Cl K Ti Cr Mn Fe Ni Cu.	Reportable: Al Si P;
GD2215-04	24-034 Smart Phone, Model XT2451, Black plastic part				31.50%	TPU	Other: Al Si P S Cl Ca; Trace: K Ti Mn Fe Ni.	Reportable: Al P;
GD2216-00	24-034 Smart Phone, Model XT2451, Metal plate 1-4		2.279	1.22%				
GD2216-01	24-034 Smart Phone, Model XT2451, Metal plate 1				4.39%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Ti Zn Ge Nb Sn Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GD2216-02	24-034 Smart Phone, Model XT2451, Metal plate 2				28.17%		Main: Cr Mn Fe Ni Mo; Other: Si P Cl K Ca V Co Cu; Trace: Al Ge Rh Ba Ce Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2216-03	24-034 Smart Phone, Model XT2451, Metal plate 3				15.14%		Main: S Cr Fe Ni; Other: Si P Cl K Ca V Mn Co Cu Mo; Trace: Al Zn Ge Ba Th.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2216-04	24-034 Smart Phone, Model XT2451, Metal plate 4				52.30%		Main: Si S Cr Fe Ni Cu; Other: P Cl K Ca V Mn Co Nb Mo; Trace: Al Zn Ge Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GD2217-00	24-034 Smart Phone, Model XT2451, Black screw 1+2+3, Black screw 4, Green screw		0.640	0.34%				
GD2217-01	24-034 Smart Phone, Model XT2451, Black screw 1+2+3				42.97%		Main: P S Fe Zn; Other: Al Si Cl K Ti Cr Mn Co Ni Cu Mo; Trace: Ca Ge Y Zr La Tl Th.	Reportable: Al Cr** Fe Co Cu Zn;
GD2217-02	24-034 Smart Phone, Model XT2451, Black screw 4				49.06%		Main: Si P S Fe Zn; Other: Cl K Ca Ti Cr Mn Co Ni Cu; Trace: Al Ge Zr Rh Sb Cs Ba Tl Th.	Reportable: Cr** Fe Co Cu Zn; Controlled: Ni.
GD2217-03	24-034 Smart Phone, Model XT2451, Green screw				7.97%		Main: P S Fe Zn; Other: Al Si Cl K Ca Ti Cr Co Cu Ba; Trace: Ge Y Zr Nb Rh Sb Tl Th.	Reportable: Al Cr Fe Co Cu Zn;
GD2218-00	24-034 Smart Phone, Model XT2451, Silver screws		0.606	0.33%				
GD2218-01	24-034 Smart Phone, Model XT2451, Silver screws 1+2				41.09%		Main: S Ca Fe Ni; Other: Si P Cl K Ti Mn Zn; Trace: Al V Cr Co Cu Y Sb Ba La Nd Th U.	Reportable: Fe Co Zn; Controlled: Ni.
GD2218-02	24-034 Smart Phone, Model XT2451, Silver screws 3+4				41.09%		Main: Si Fe Zn; Other: Al P S Cl K Ca Ti Cr Mn Co Ni Cu; Trace: Ga Ge Zr Mo Rh Sb Ba Pr Tl.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
GD2218-03	24-034 Smart Phone, Model XT2451, Silver screw 5				2.64%		Main: Si P S Fe Ni; Other: Cl K Ca Ti Cr Cu Zn Sr Mo; Trace: Al Co Br Y Zr Nb Sb Ba U.	Reportable: Cr** Fe Co Cu Zn; Controlled: Ni.
GD2218-04	24-034 Smart Phone, Model XT2451, Silver screw 6				15.18%		Main: Al Si P S Cr Fe Ni Zn; Other: Cl K Ca Ti V Mn Cu Sr Mo; Trace: Co Ge Zr Nb Ba.	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.

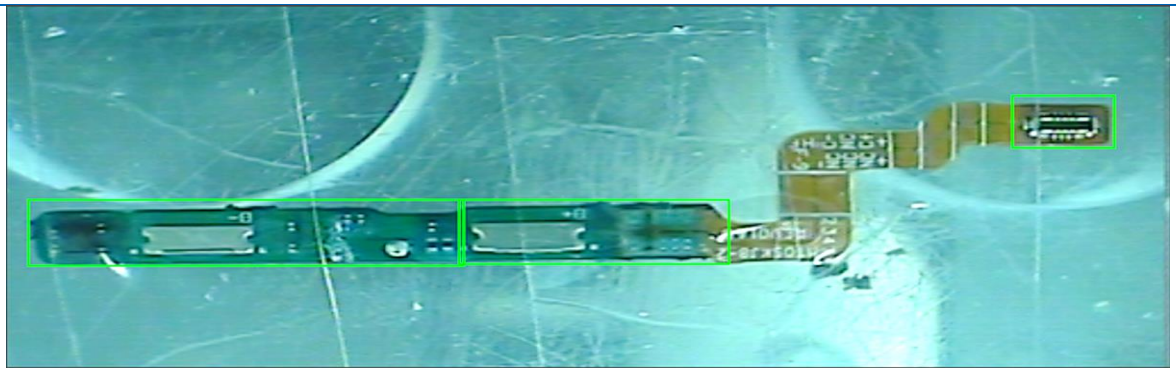
[1] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Cd, Cr and are also REACH relevant substances
[2] The concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials where the homogenous material weighs less than 0.02 g.
[3] Not enough sample material for PFAS testing.
* Brominated Flame Retardants (other than PBBs or PBDEs)

Selection of the samples for the colorimetric testing of CrVI is carried out according to the XRF measurement and a risk assessment.
** Sample tested for CrVI by colorimetric method.

Only confirmed positive findings of materials of concern are reported – other (RoHS) substances are below detection limits for each sample. Detection limits for single samples are available on request.

4 Results EDXRF Scan

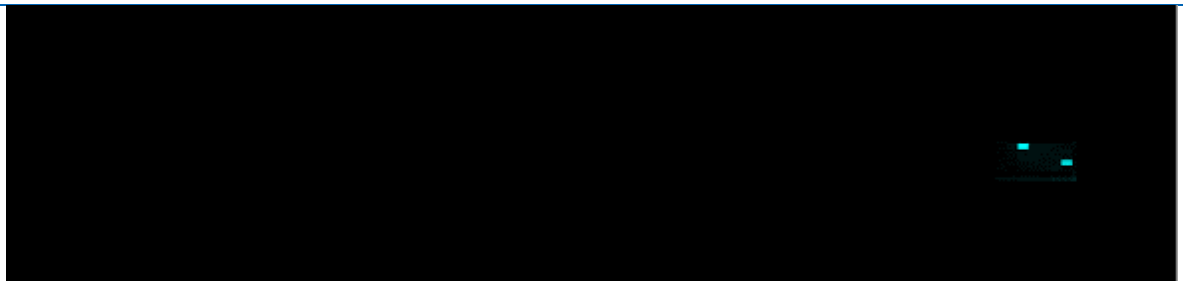
Results x,y Scan Sample GD2171-01 Top



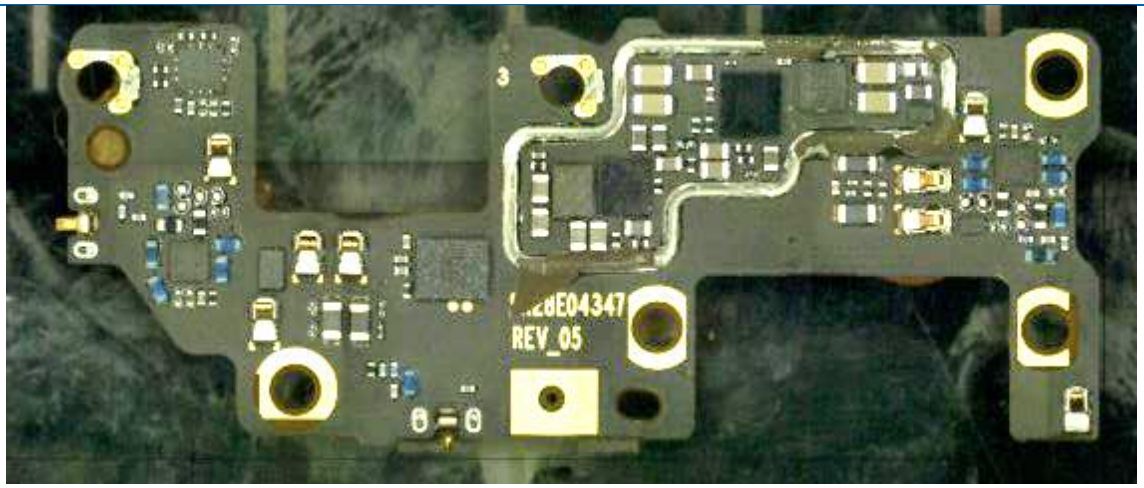
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2171-01 Bottom

Bromine
Not detected
Lead



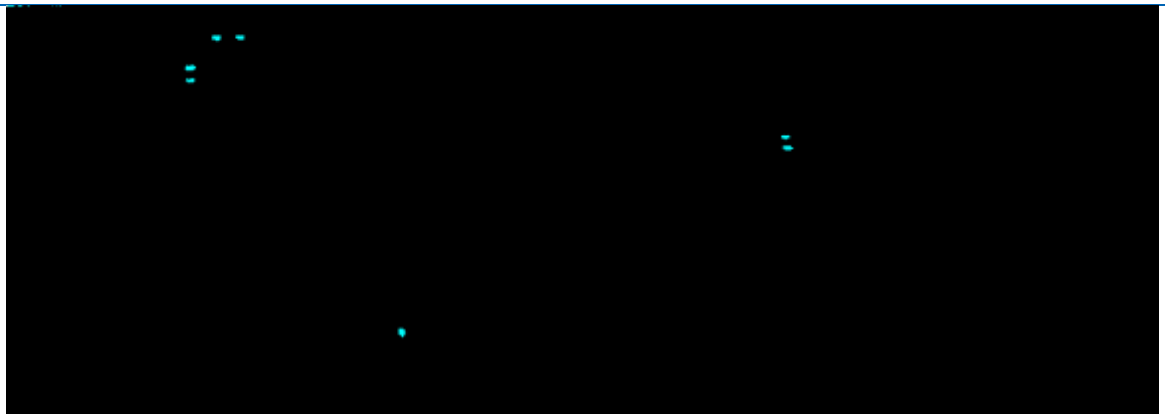
Results x,y Scan Sample GD2172-06 Top



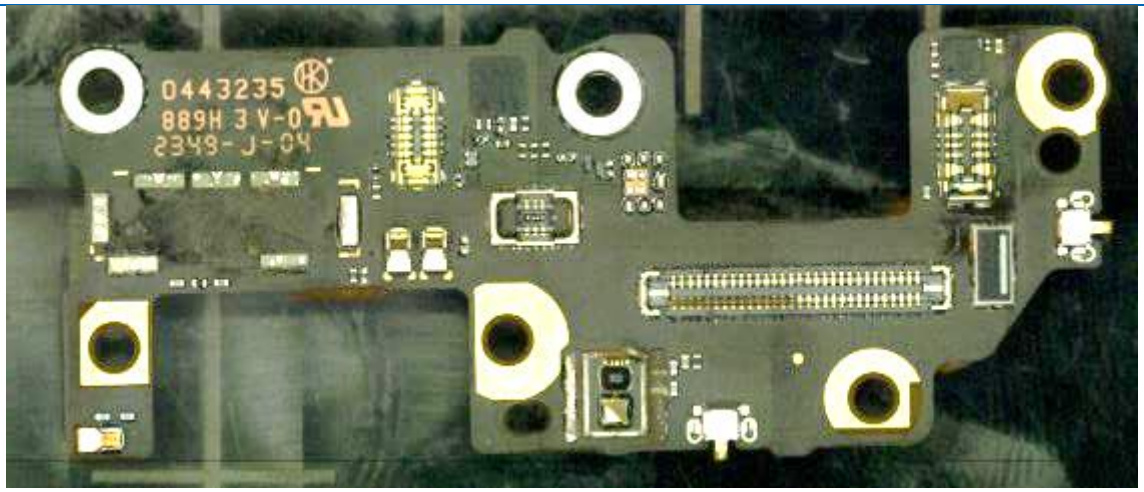
Bromine

Not detected

Lead



Results x,y Scan Sample GD2172-06 Bottom



Bromine

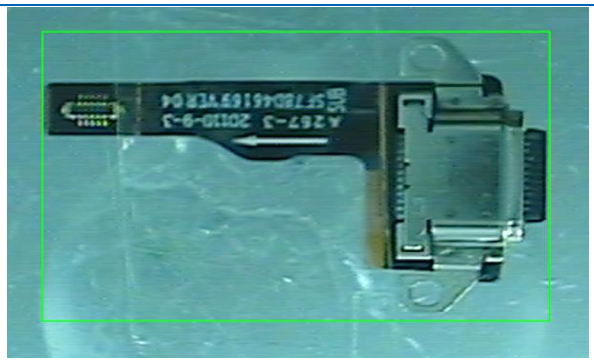
Not detected

Lead

Results x,y Scan Sample GD2173-19

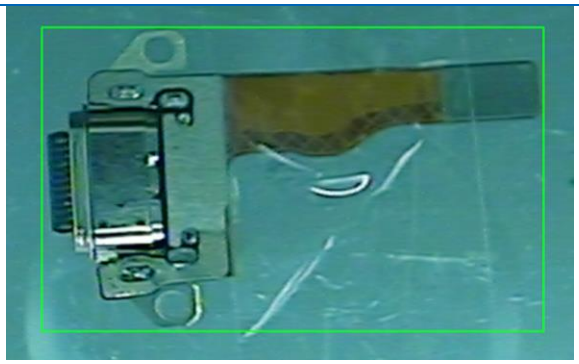
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2174-04 Top



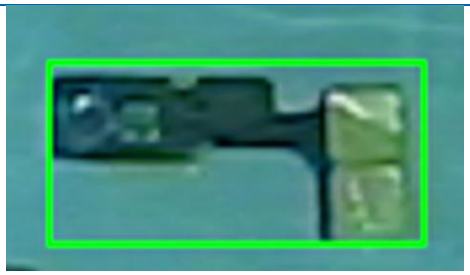
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2174-04 Bottom



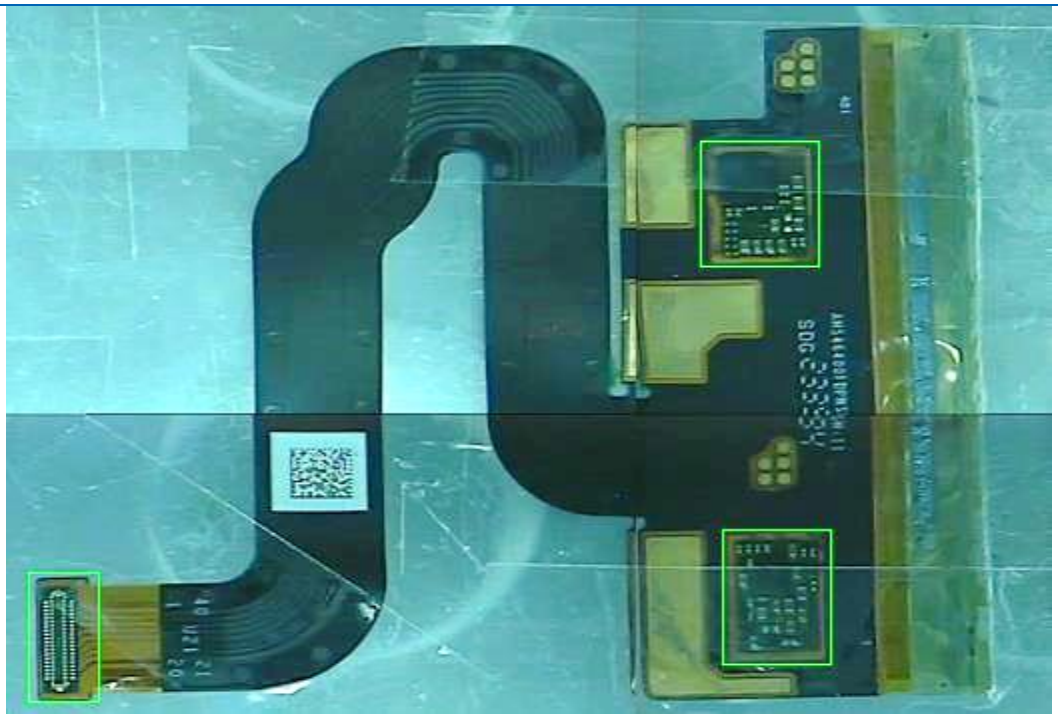
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2175-08



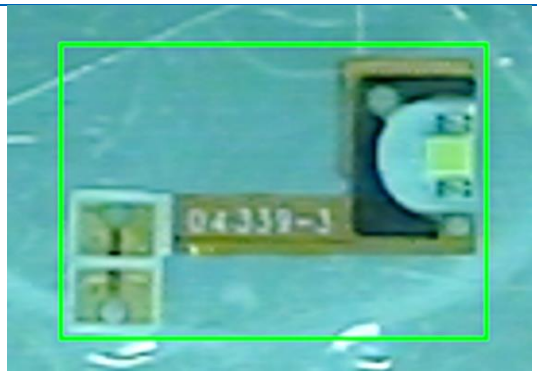
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2176-04



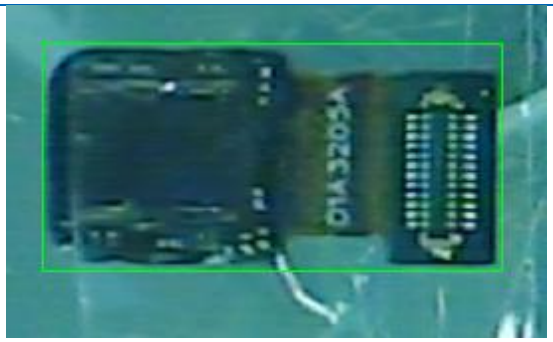
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2180-03



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2182-07

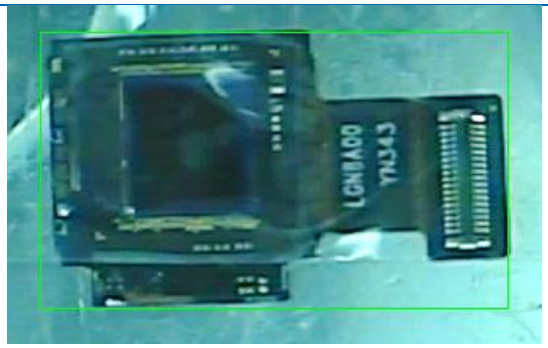


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2185-18

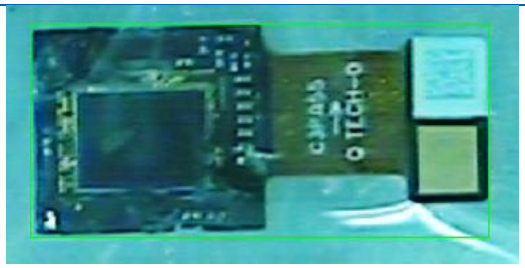
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2185-19



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2185-34 Top

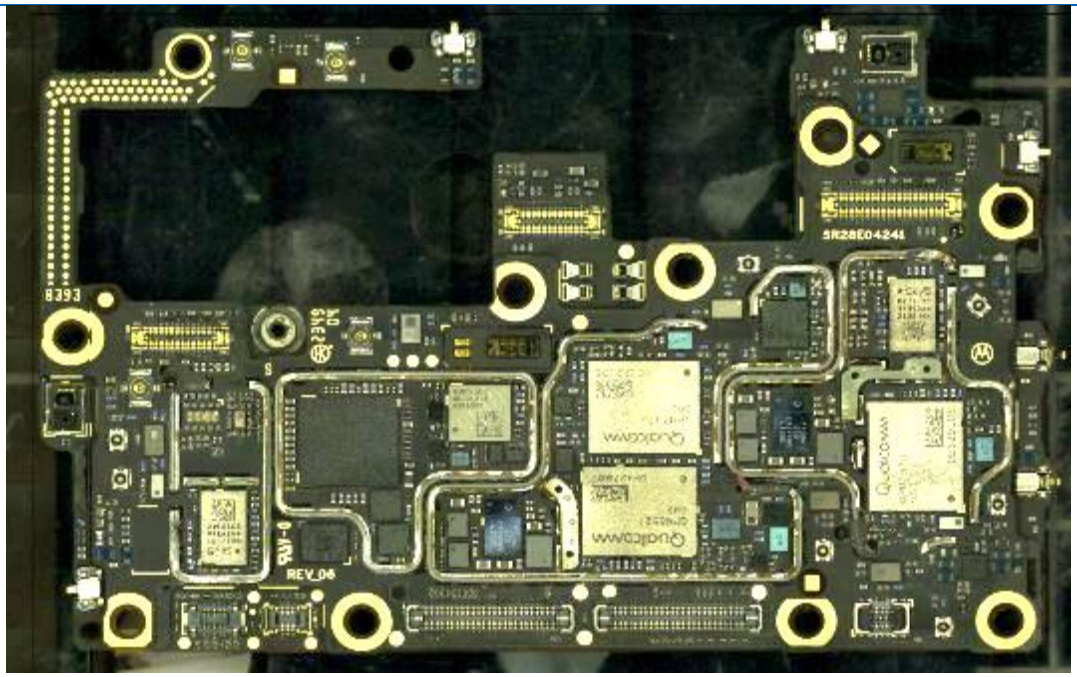


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2185-34 Bottom

Bromine
Not detected
Lead
Not detected

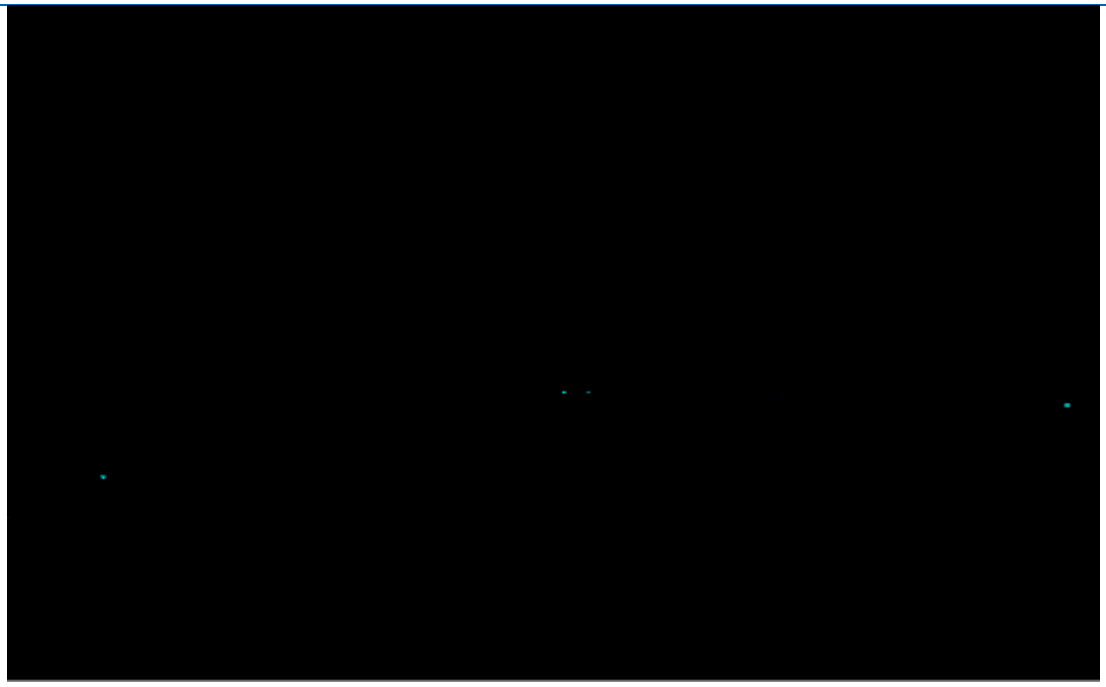
Results x,y Scan Sample GD2186-15 Top



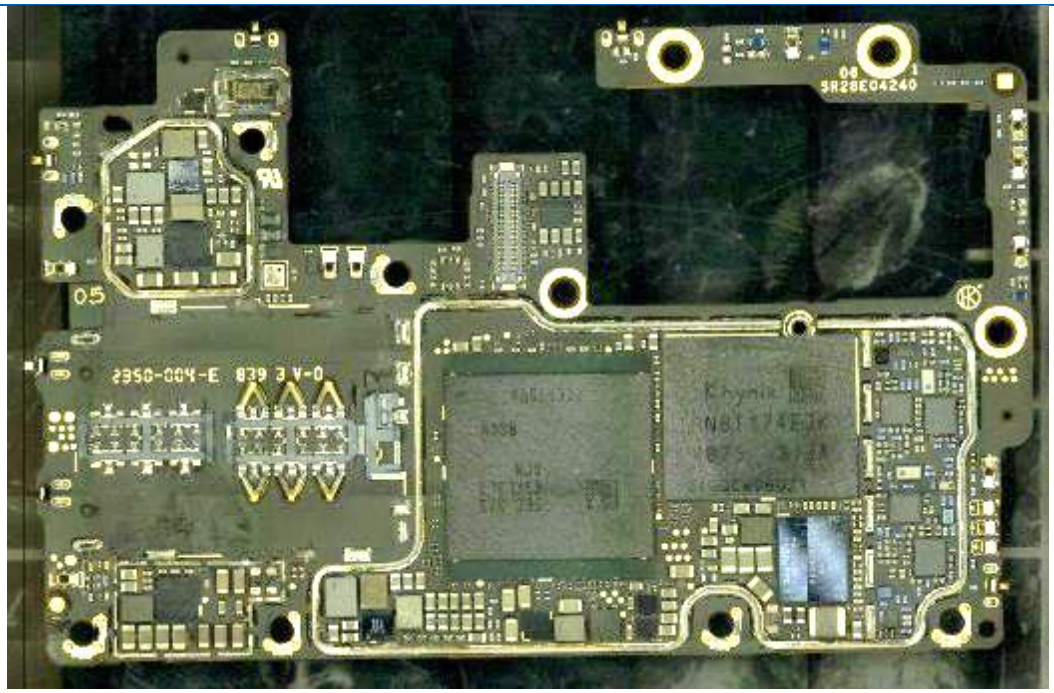
Bromine

Not detected

Lead



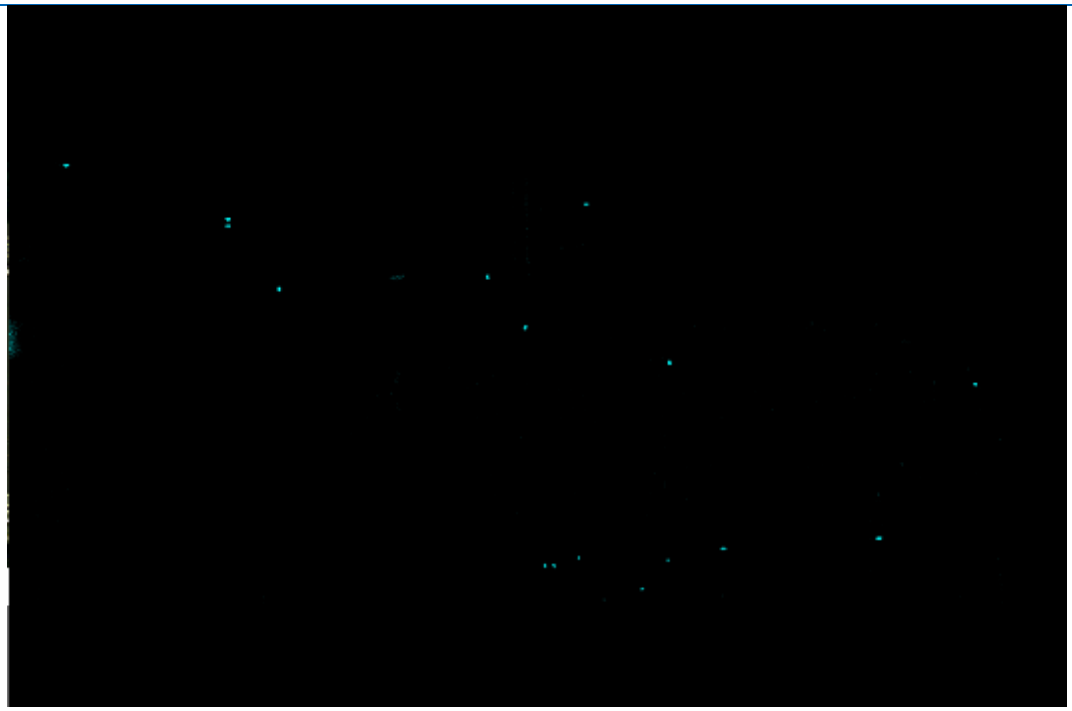
Results x,y Scan Sample GD2186-15 Bottom



Bromine

Not detected

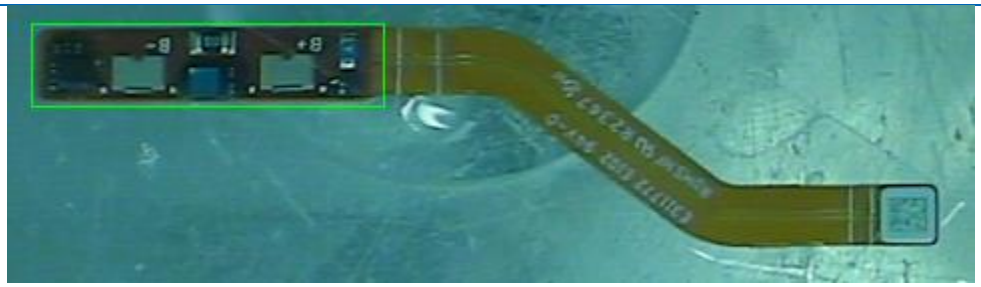
Lead



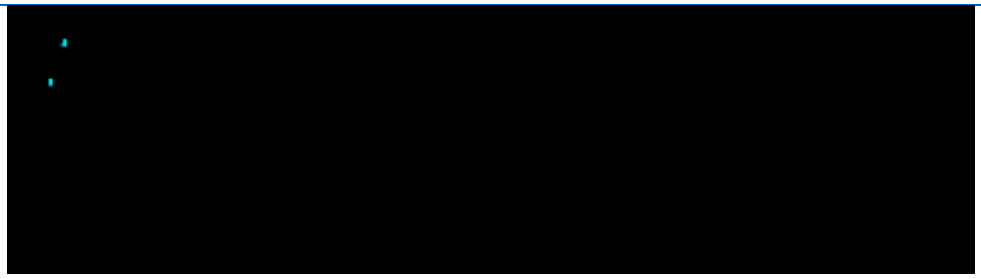
Results x,y Scan Sample GD2187-13

Bromine
Not detected
Lead
Not detected

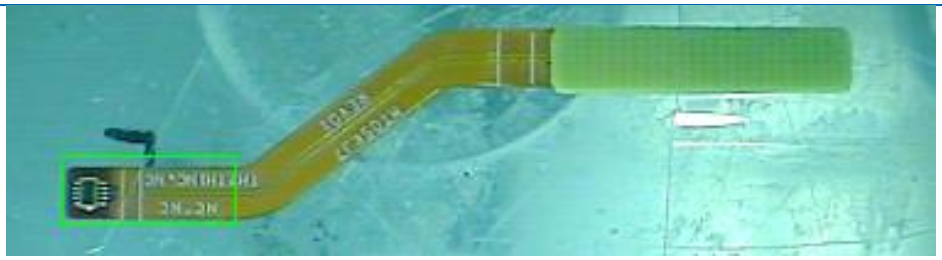
Results x,y Scan Sample GD2188-01 Top



Bromine
Not detected
Lead

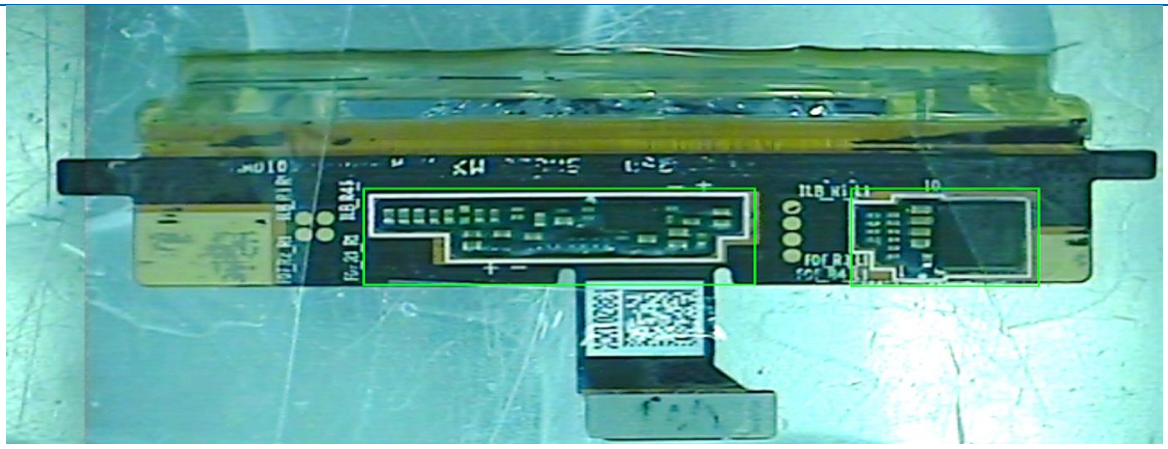


Results x,y Scan Sample GD2188-01 Bottom

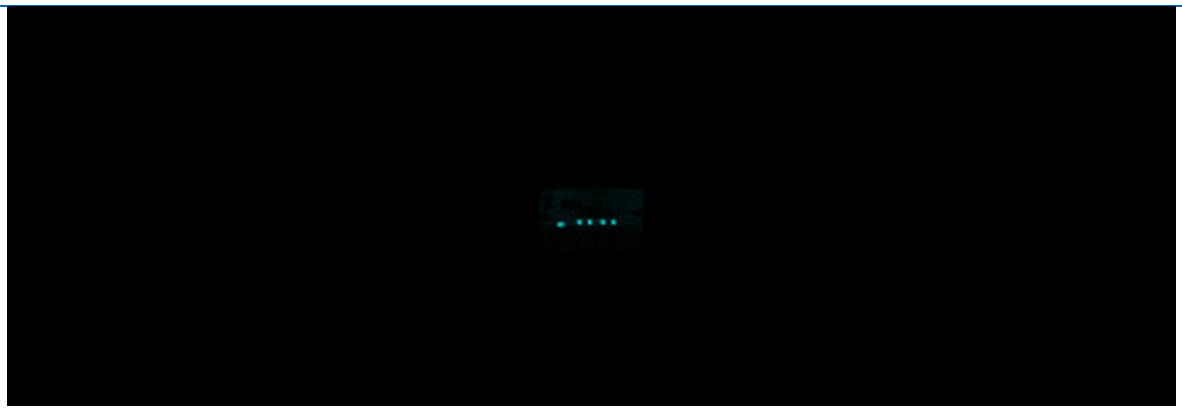


Bromine
Not detected
Lead
Not detected

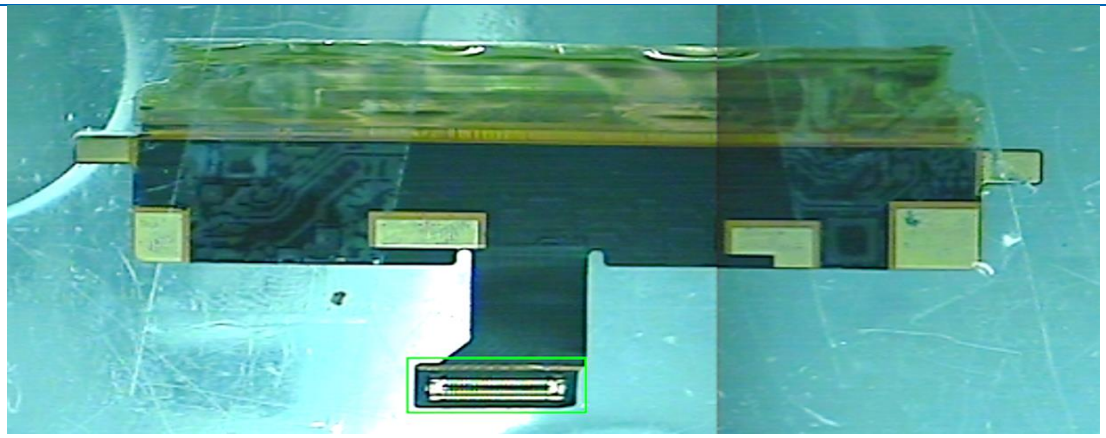
Results x,y Scan Sample GD2191-08 Top



Bromine
Not detected
Lead

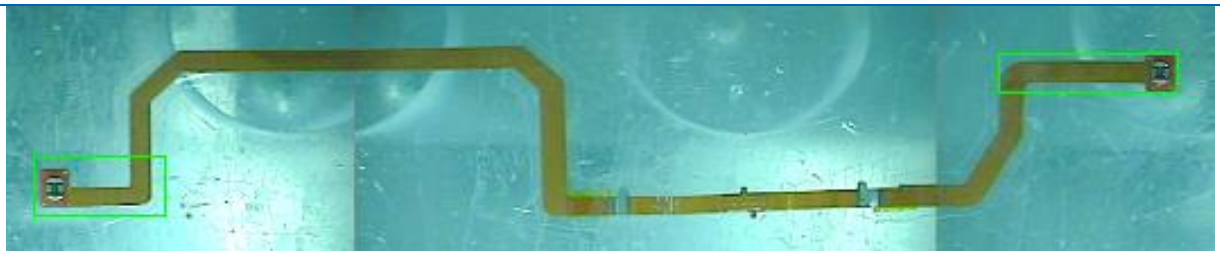


Results x,y Scan Sample GD2191-08 Bottom



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2193-00

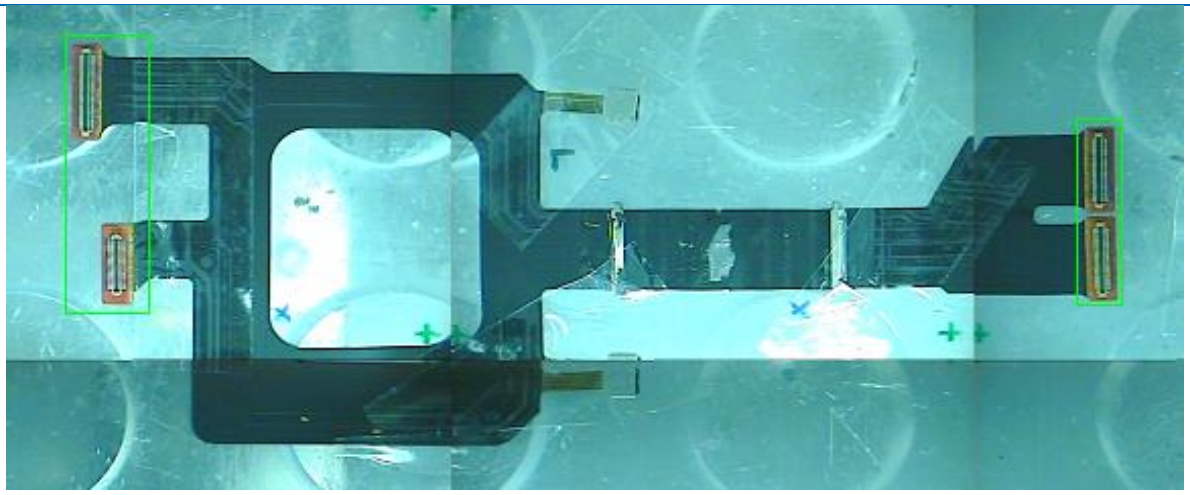


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2195-02

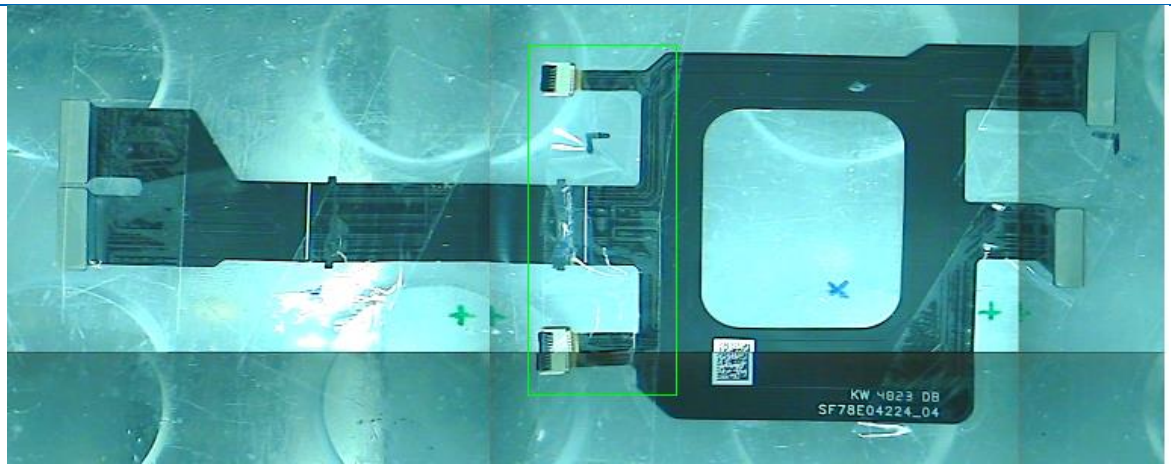
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2196-00 Top



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2196-00 Bottom

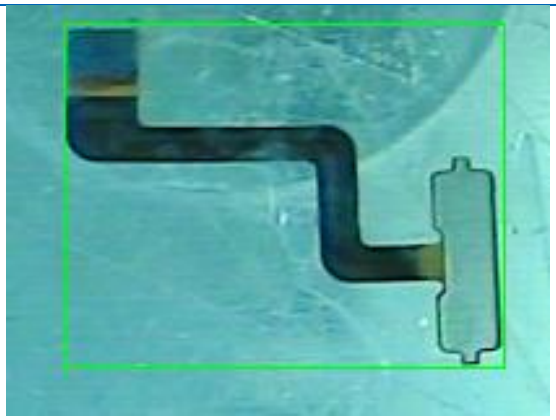


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2197-03 Top

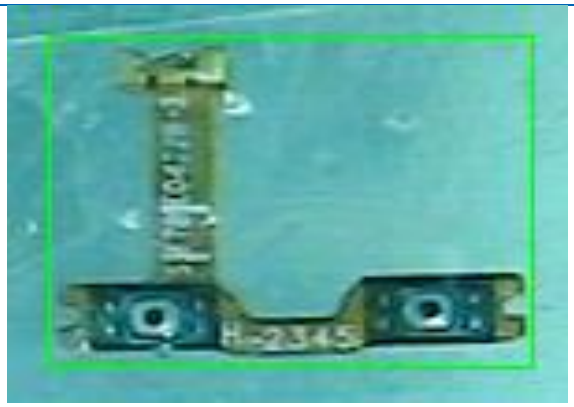
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2197-03 Bottom



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2199-03

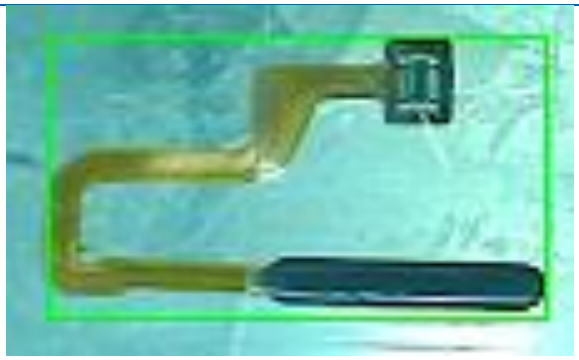


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2200-00 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GD2200-00 Bottom



Bromine
Not detected
Lead
Not detected

5 Summary REACH 1907/2006/EC screening results

According to §33 Reach information needs to be provided within the supply chain if the concentration of a SVHC substance calculated for the article is higher than 0.1 %. The table below summarizes the organic substances detected with concentrations > 0.1% calculated for the articles according to SVHC substance list dated January 23rd, 2023, Annex XIV List dated April 08th, 2022 and Annex XVII List dated December 12th, 2023

Samples summarized in Chapter 7 were selected based on a risk assessment. The samples were investigated for selected organic parameters as listed in Chapters 5.2 and 5.3. The detectable concentration of REACH substances varies depending on the substance, the fraction composition and the sample weight.

For inorganic parameters please refer to Chapter 2 and Chapter 3. Chemical elements identified in the XRF Screening could represent REACH substances as listed in Chapters 5.2. and 5.3. For the speciation of these substances, further testing could be required.

5.1 Identified SVHC, Annex XIV and Annex XVII substances in Article

The following substances were detected in the samples.

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]*	Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]*	SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)
Smart Phone, Model XT2451	GF1301	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.002	<0.001	**N**
	GF1302	N-methyl-2-pyrrolidon	-	N-methyl-2-pyrrolidon (Entry 71)	0.003	<0.001	**N**
	GF1303	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.007	<0.001	**N**
		-	-	Ethanol, 2-(2-butoxyethoxy)- (Entry 55)	<0.001	<0.001	**N**
	GF1304	1,3-Propansultone	-	1,3-Propansultone (Entry 28)	0.036	0.001	**N**
	GF1305	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.005	<0.001	**N**
		1,3-Propansultone	-	1,3-Propansultone (Entry 28)	0.071	<0.001	**N**
	GF1306	1,3-Propansultone	-	1,3-Propansultone (Entry 28)	0.066	<0.001	**N**
	GF1307	-	-	-			
	GF1308	Furan	-	-	0.006	0.001	**N**
	GF1309	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.004	<0.001	**N**

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]*	Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]*	SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)
Smart Phone, Model XT2451	GF1310	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.002	<0.001	**N**
		2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.004	<0.001	**N**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.003	<0.001	**NA**
	GF1311	-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.003	<0.001	**NA**
	GF1312	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.005	<0.001	**N**
	GF1313	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.011	0.001	**N**
	GF1314	-	-	-			
	GF1315	-	-	Toluol (Entry 48)	<0.001	<0.001	**NA**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.008	<0.001	**NA**

Artikel / *Article*	**Probennr. / *Sample Number***	**Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected***	**Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected***	**Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected****	**Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]***	**Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]***	**SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)**
Smart Phone, Model XT2451	GF1316	-	-	Toluol (Entry 48)	<0.001	<0.001	**NA**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.091	<0.001	**NA**
	GF1317	Octamethylcyclotetrasiloxane (D4)	-	Octamethylcyclotetrasiloxane (D4) (Entry 70)	0.013	0.001	**N**
		-	-	Toluol (Entry 48)	<0.001	<0.001	**NA**
	GF1318	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.012	<0.001	**N**
		2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.002	<0.001	**N**
	GF1319	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.009	<0.001	**N**
		Octamethylcyclotetrasiloxane (D4)	-	Octamethylcyclotetrasiloxane (D4) (Entry 70)	0.023	<0.001	**N**
		Decamethylcyclopentasiloxane (D5)	-	Decamethylcyclopentasiloxane (D5) (Entry 70)	0.004	<0.001	**N**

Artikel / *Article*	**Probennr. / *Sample Number***	**Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected***	**Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected***	**Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected****	**Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]***	**Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]***	**SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)**
Smart Phone, Model XT2451	GF1320	2,4-Diaminotoluene	-	-	0.006	<0.001	**N**
		(3Z)-1,7,7-trimethyl-3-(4-Methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	-	0.001	<0.001	**N**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.006	<0.001	**NA**
	GF1321	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.003	<0.001	**N**
	GF1322	2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.014	<0.001	**N**
	GF1323	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.004	<0.001	**N**
		-	-	Toluol (Entry 48)	0.006	<0.001	**NA**
	GF1324	-	-	-			

Artikel / *Article*	**Probennr. / *Sample Number***	**Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected***	**Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected***	**Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected****	**Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]***	**Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]***	**SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)**
Smart Phone, Model XT2451	GF1325	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.016	<0.001	**N**
		2-Methyl-1-[4-(methylthio)phenyl]-2-(4-morpholinyl)-1-propanon	-	-	0.010	<0.001	**N**
		UV-329 (Octrizol) (CAS: 3147-75-9)	-	-	0.001	<0.001	**N**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.004	<0.001	**NA**

[1)] For the composition of fractions please refer to Chapter 7. Please note, that for the composition of fractions only samples with a certain minimum weight can be used properly. The minimum weight is 0.02g for soft materials and 0.01g for hard materials. Materials which are consumed completely during previous analyses can not be considered as well.
[2)] The results refer to the article considered as functional unit as described in the first column of this table. For the assignment on homogenous material level, further testing could be required. For samples with low weights, the detection limit of 0.1% SVHC in homogeneus material may not be achieved.
* For the conditions of restriction please refer to “List of REACH Annex XVII substances” of this test report of for more detailed information refer directly to REACH Regulation (1907/2006/EC) Annex XVII in EUR -Lex Website
[3)] Reporting is required on the homogeneous material level.
[4)] Depending on the manufacturing process of 4-tert-butylphenol a certain ratio of 3-tert-butylphenol may also be present
[5)] Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)
[6)]TNPP are indicator peaks. A definite identification is only possible via further chemical analysis.
NA: Not applicable

5.2 List of SVHC and Annex XIV substances

Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol[1)]	
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one[1)]	Bumetrizole (UV-326)
2,4,6-tri-tert-butylphenol	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)
Bis(4-chlorophenyl) sulphone	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide[1)]
Perfluoroheptanoic acid and its salts	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine[1)]
Isobutyl 4-hydroxybenzoate (4-Isobutylparaben)[1)]	Melamine[1)]
Barium diboron tetraoxide[1)]	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBPA)	4,4'-sulphonyldiphenol (Bisphenol S) [1)]
N-(hydroxymethyl)acrylamide[1)]	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]
S-(tricyclo(5.2.1.0'2,6)deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate[1)]	Tris(2-methoxyethoxy)vinylsilane
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)[1)]	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
orthoboric acid, sodium salt[1)]	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) [6)]
Glutaral[1)]	Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17) [8)]
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers[1)]	4,4'-(1-methylpropylidene)bisphenol (BPB)
1,4-dioxane	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)
Bis(2-(2-methoxyethoxy)ethyl) ether	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety[2)]
Butyl 4-hydroxybenzoate[1)]	Dibutylbis(pentane-2,4-dionato-O,O')tin[2)]
1-vinylimidazole[1)]	2-methylimidazole[1)]
Perfluorobutane sulfonic acid (PFBS) and its salts	Diisohexyl phthalate
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides[1)]	2-methoxyethyl acetate
4-tert-butylphenol	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)[6) 9)]
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one[1)]	2,2-bis(4'-hydroxyphenyl)-4-methylpentane[1)]
Benzo[k]fluoranthene	Fluoranthene

Phenanthrene	Pyrene
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	Benzo[ghi]perylene
Decamethylcyclopentasiloxane (D5)	Dicyclohexyl phthalate
Disodium octaborate[1)]	Dodecamethylcyclohexasiloxane (D6)
Ethylenediamine[1)]	Lead[4)]
Octamethylcyclotetrasiloxane (D4)	Terphenyl, hydrogenated
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	Benz[a]anthracene
Cadmium carbonate[2)]	Cadmium hydroxide[2)]
Cadmium nitrate[2)]	Chrysene
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[1)]*	Perfluorohexane-1-sulphonic acid and its salts
4,4'-isopropylidenediphenol (BPA)	4-heptylphenol, branched and linear
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Nonadecafluorodecanoic acid
Decanoic acid, nonadecafluoro-, sodium salt[1)]	Ammonium nonadecafluorodecanoate[1)]
p-(1,1-dimethylpropyl)phenol	Benzo[def]chrysene (Benzo[a]pyrene)
1,3-propanesultone	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)*
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)*	Nitrobenzene
Perfluorononan-1-oic-acid and its sodium and ammonium salts	Perfluorononan-1-oic-acid
Sodium salts of perfluorononan-1-oic-acid	Ammonium salts of perfluorononan-1-oic-acid
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters*	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1][1)]*
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)*	5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2][1)]*
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)[1)]*	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)*
Cadmium sulphate[2)]	Cadmium fluoride[2)]
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear*	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)[1)]*
Sodium perborate, perboric acid, sodium salt[1)*]	Cadmium chloride[2)]
Sodium perborate[1)]	Perboric acid, sodium salt[1)]
Cadmium sulphide[2)]	Sodium peroxometaborate[1)]*
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)[1)]	Dihexyl phthalate*
Imidazolidine-2-thione (2-imidazoline-2-thiol)	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)[1)]
Trixylyl phosphate*	Lead di(acetate)[2)]
Ammonium pentadecafluorooctanoate (APFO)[1)]	4-Nonylphenol, branched and linear, ethoxylated [6)]*

Cadmium oxide[2)]	Cadmium[2)]
Pentadecafluorooctanoic acid (PFOA)	Dipentyl phthalate (DPP)*
1,2-diethoxyethane	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear*
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine[1)]	1-bromopropane (n-propyl bromide)*
4,4'-oxydianiline and its salts	4,4'-methylenedi-o-toluidine
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [7)]*	4,4'-oxydianiline
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	4-aminoazobenzene
6-methoxy-m-toluidine (p-cresidine)	4-Nonylphenol, branched and linear
Acetic acid, lead salt, basic[2)]	[Phthalato(2-)]dioxotrilead[2)]
Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	Biphenyl-4-ylamine
Cyclohexane-1,2-dicarboxylic anhydride	cis-cyclohexane-1,2-dicarboxylic anhydride
trans-cyclohexane-1,2-dicarboxylic anhydride	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)[1)]
Dibutyltin dichloride (DBTC)[2)]	Diethyl sulphate
Diisopentyl phthalate*	Dimethyl sulphate
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	Dioxobis(stearato)trilead[2)]
Fatty acids, C16-18, lead salts[2)]	Furan
Henicosafluoroundecanoic acid	Heptacosafluorotetradecanoic acid
Hexahydromethylphthalic anhydride	Hexahydro-1-methylphthalic anhydride
Hexahydro-3-methylphthalic anhydride	Hexahydro-4-methylphthalic anhydride
Lead cyanamidate[2)]	Lead bis(tetrafluoroborate)[2)]
Lead monoxide (lead oxide) [2)]	Lead dinitrate[2)]
Lead titanium trioxide[2)]	Lead oxide sulfate[2)]
Methoxyacetic acid	Lead titanium zirconium oxide[2)]
N,N-dimethylformamide	Methyloxirane (Propylene oxide)[1)]
N-pentyl-isopentylphthalate*	N-methylacetamide
o-toluidine	o-aminoazotoluene
Pentacosafluorotridecanoic acid	Orange lead (lead tetroxide) [2)]
Pyrochlore, antimony lead yellow[2)]	Pentalead tetraoxide sulphate[2)]
Silicic acid, lead salt[2)]	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped[2)]
Tetraethyllead[2)]*	Sulfurous acid, lead salt, dibasic[2)]
Tricosafluorododecanoic acid	Tetralead trioxide sulphate[2)]
Trilead dioxide phosphonate[2)]	Trilead bis(carbonate) dihydroxide[2)]
1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol[1)]*
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I.

ylidene] dimethylammonium chloride (C.I. Basic Blue 26)[1)]	Basic Violet 3)[1)]
Formamide[1)]	Diboron trioxide[1)]
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	Lead(II) bis(methanesulfonate)[2)]
1,2-dichloroethane*	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)[1)]
2-Methoxyaniline, o-Anisidine	2,2'-dichloro-4,4'-methylenedianiline*
Aluminosilicate Refractory Ceramic Fibres[5)]	4-(1,1,3,3-tetramethylbutyl)phenol
Bis(2-methoxyethyl) ether*	Arsenic acid[2)]*
Calcium arsenate[2)]	Bis(2-methoxyethyl) phthalate*
Formaldehyde, oligomeric reaction products with aniline*	Dichromium tris(chromate)[2,3)]*
Lead dipicrate[2)]	Lead diazide, Lead azide[2)]
N,N-dimethylacetamide	Lead styphnate[2)]
Phenolphthalein[1)]	Pentazinc chromate octahydroxide[2,3)]*
Trilead diarsenate[2)]	Potassium hydroxyoctaoxodizincatedichromate[2,3)]*
1,2,3-trichloropropane	Zirconia Aluminosilicate Refractory Ceramic Fibres[5)]
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters*	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich*
2-ethoxyethyl acetate	1-Methyl-2-pyrrolidone
Strontium chromate[2,3)]*	Hydrazine[1)]
2-methoxyethanol	2-ethoxyethanol
Dichromic acid[2,3)]	Acids generated from chromium trioxide and their oligomers[2,3)]*
Chromic acid[2,3)]	Oligomers of chromic acid and dichromic acid[2,3)]
Cobalt(II) carbonate[2)]	Chromium trioxide[2,3)]*
Cobalt(II) dinitrate[2)]	Cobalt(II) diacetate[2)]
Ammonium dichromate[2,3)]*	Cobalt(II) sulphate[2)]
Boric acid, crude natural[1)]	Boric acid[1)]
Disodium tetraborate, anhydrous[1)]	Potassium chromate[2,3)]*
Potassium dichromate[2,3)]*	Sodium chromate[2,3)]*
Tetraboron disodium heptaoxide, hydrate[1)]	Trichloroethylene*
Acrylamide[1)]	2,4-dinitrotoluene*
Anthracene oil*	Anthracene oil, anthracene paste
Anthracene oil, anthracene paste, anthracene fraction	Anthracene oil, anthracene paste, distn. lights
Anthracene oil, anthracene-low	Diisobutyl phthalate (DIBP)*
Lead chromate[2)]*	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)[2)]*
Lead sulfochromate yellow (C.I. Pigment Yellow 34)[2)]*	Pitch, coal tar, high-temp.*
Tris(2-chloroethyl) phosphate*	4,4'- Diaminodiphenylmethane (MDA)*
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)[1)]*	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)[8)]

Anthracene	Benzyl butyl phthalate (BBP)*
Bis (2-ethylhexyl)phthalate (DEHP)*	Bis(tributyltin) oxide (TBTO)
Cobalt dichloride[2)]	Diarsenic pentaoxide[2)]*
Diarsenic trioxide[2)]*	Dibutyl phthalate (DBP)*
Hexabromocyclododecane (HBCDD)*	Triethyl arsenate[2)]
Lead hydrogen arsenate[2)]	Sodium dichromate[2,3)]*

[1)] Not tested
[2)] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.
[2, 3)] Relevant compounds based on XRF Screening and UV-Vis test results (selected chemical elements)
[4)] Lead has been added to the list of Substances of Very High Concern in its metallic form. This does include alloys but not lead-based glass and ceramics.
[5)] Relevant compounds based on XRF Screening: test results for Al and Si. For a statement regarding the actual presence of asbestos further testing is required.
[6)]One isomer was tested as representative for substance group.
[7)] Four isomers were tested as representative for substance group
[8)] The detection limit for SCCP and MCCP in homogenous materials is 0.4%. For samples in Fractions the detectable concentration is higher depending on fraction composition and sample weight. For reasons of overlapping retention ranges, a differentiation between short and medium is only partially possible. Additionally, the signal peak in the gas chromatogram has no ideal gaussian shape. The resulting measurement uncertainty can lead to higher deviations between concentrations of the samples
[9)]
TNPP are indicator peaks. A definite identification is only possible via further chemical analysis.

* Substance also included in Annex XIV of REACH (“Authorisation List”)

5.3 List of REACH Annex XVII substances

77. Formaldehyde and formaldehyde releasers[1)]	**78.** Synthetic polymer microparticles[1)]
75. (a) substances classified as any of the following in Part 3 of Annex VI to Regulation (EC) No 1272/2008 [2)] (b) substances listed in Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council [2)] (c) substances listed in Annex IV to Regulation (EC) No 1223/2009 for which a condition is specified in at least one of the columns g, h and i of the table in that Annex (d) substances listed in Appendix 13 to this Annex. [2)]	**76.** *N,N*-dimethylformamide
73. (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol Any of its mono-, di- or tri-O-(alkyl)derivatives (TDFAs) [2)]	**74.** Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length [7)]
71. 1-methyl-2-pyrrolidone (NMP)	**72.** The substances listed in column 1 of the Table in Appendix 12 [2) 6)]
69. Methanol [2)]	**70.** Octamethylcyclotetrasiloxane (D4) [2)] Decamethylcyclopentasiloxane (D5) [2)]
67. Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) [8)]	**68.** C9-C14 linear and/or branched perfluorocarboxylic acids (C9-C14 PFCAs), their salts and C9-C14 PFCAs-related substances, perfluorononan-1-oic acid (PFNA); nonadecafluorodecanoic acid (PFDA); henicosafluoroundecanoic acid (PFUnDA); tricosafluorododecanoic acid (PFDoDA); pentacosafluorotridecanoic acid (PFTrDA); heptacosafluorotetradecanoic acid (PFTDA); including their salts and precursors
65. Inorganic ammonium salts [2)]	**66.** 4,4'-isopropylidenediphenol (Bisphenol A) [2)]
63. Lead and its compounds [2) 3)]	**64.** 1,4-Dichlorobenzene [2)]
61. Dimethylfumarate (DMF)	**62.** Phenylmercury neodecanoate[3)] Phenylmercury octanoate[3)] Phenylmercury propionate[3)] Phenylmercury acetate[3)] Phenylmercury 2-ethylhexanoate[3)]
59. Dichloromethane [2)]	**60.** Acrylamide[1)2)]
57. Cyclohexane	**58.** Ammonium nitrate (AN) [2)]
55. 2-(2-butoxyethoxy)ethanol (DEGBE)[2)]	**56.** Methylenediphenyl diisocyanate (MDI) including the following specific isomers [5)]: (a) 4,4'-Methylenediphenyl diisocyanate (b) 2,4'-Methylenediphenyl diisocyanate (c) 2,2'-Methylenediphenyl diisocyanate
52. (a) Di-'isononyl' phthalate (DINP) [2)] (b) Di-'isodecyl' phthalate (DIDP) [2)] (c) Di-n-octyl phthalate (DNOP) [2)] (d) 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich [2)] (e) 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich [2)]	**54.** 2-(2-methoxyethoxy)ethanol (DEGME)
50. Polycyclic-aromatic hydrocarbons (PAH) (a) Benzo[a]pyrene (BaP) (b) Benzo[e]pyrene (BeP) (c) Benzo[a]anthracene (BaA) (d) Chrysen (CHR) (e) Benzo[b]fluoranthene (BbFA) (f) Benzo[j]fluoranthene (BjFA)	**51.** (a) Bis (2-ethylhexyl) phthalate (DEHP) [2)] (b) Dibutyl phthalate (DBP) [2)] (c) Benzyl butyl phthalate (BBP) [2)]

(g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAhA)	
48. Toluene	**49.** Trichlorobenzene
	47. Chromium VI compounds [2]
46. (a) Nonylphenol [2) 6)] (b) Nonylphenol ethoxylates [2) 6)]	**46a.** Nonylphenol ethoxylates [2) 6)]
43. Azocolourants and Azodyes [2) 6)]	**45.** Diphenylether, octabromo derivative
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.[2)]	**41.** Hexachloroethane[2)]
37. Pentachloroethane	**38.** 1,1-Dichloroethene
35. 1,1,2,2-Tetrachloroethane	**36.** 1,1,1,2-Tetrachloroethane
32. Chloroform[3)]	**34.** 1,1,2-Trichloroethane
30. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B or toxic to reproduction category 1 or 2 [7)]	**31.** (a) Creosote; wash oil [2)] (b) Creosote oil; wash oil [2)] (c) Distillates (coal tar), naphthalene oils; naphthalene oil [2)] (d) Creosote oil, acenaphthene fraction; wash oil [2)] (e) Distillates (coal tar), upper; heavy anthracene oil [2)] (f) Anthracene oil [2)] (g) Tar acids, coal, crude; crude phenols [2)] (h) Creosote, wood [2)] (i) Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline [2)]
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B or carcinogen category 1 or 2 [7)]	**29.** Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B or mutagen category 1 or 2 [7)]
26. Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT [1) 3)]	**27.** Nickel and ist compounds[3)]
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 [1) 3)]	**25.** Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 [1) 3)]
22. Pentachlorophenol and its salts and esters [3) 8)]	**23.** Cadmium and its compounds [3)]
20. Organostannic compounds [3)]	**21.** Di-µ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate $C_8H_{19}BO_3Sn$ (DBB) [3)]
18a. Mercury [2) 3)]	**19.** Arsenic compounds [2) 3)]
17. Lead sulphates [3)]: (a) $PbSO_4$ (b) Pb_xSO_4	**18.** Mercury compounds [2) 3)]
15. 4-Aminobiphenyl xenylamine	**16.** Lead carbonates [3)]: (a) Neutral anhydrous carbonate ($PbCO_3$) (b) Trilead-bis(carbonate)-dihydroxide 2Pb CO_3 -$Pb(OH)_2$
13. Benzidine and ist salts [7)]	**14.** 4-Nitrobiphenyl
11. Volatile esters of bromoacetic acids[2)]: (a) Methyl bromoacetate (b) Ethyl bromoacetate (c) Propyl bromoacetate (d) Butyl bromoacetate	**12.** 2-Naphthylamine and ist salts [7)]

9. (a) Soap bark powder (Quillaja saponaria) and its derivatives containing saponines [2] (b) Powder of the roots of Helleborus viridis and Helleborus niger [2] (c) Powder of the roots of Veratrum album and Veratrum nigrum [2] (d) Benzidine and/or its derivatives [2] (e) o-Nitrobenzaldehyde C [2] (f) Wood powder [2]	**10.** (a) Ammonium sulphide [2] (b) Ammonium hydrogen sulphide [2] (c) Ammonium polysulphide [2]
7. Tris(aziridinyl)phosphinoxide [2] [6]	**8.** Polybromobiphenyls; Polybrominatedbiphenyls (PBB)[2] [6]
5. Benzene	**6.** Asbestos fibres [4] (a) Crocidolite (b) Amosite (c) Anthophyllite (d) Actinolite (e) Tremolite (f) Chrysotile
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 11)/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008[2]	**4.** Tris (2,3 dibromopropyl) phosphate [2] [6]
1. Polychlorinated terphenyls (PCTs)[3] [7]	**2.** Chloroethene (vinyl chloride)[2]

[1] Not tested
[2] N/A the restriction does not apply to this article
[3] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.
[4] Relevant compounds based on XRF Screening: test results for Al and Si. For a statement regarding the actual presence of asbestos further testing is required.
[5] One isomer was tested as representative for substance group.
[6] Applies to textile articles intended to come into contact with the skin
[7] Selected substances were evaluated as representatives
[8] Regulation (EU) No 2020/2096: entries 22 and 67 have been deleted (more severe restrictions are laid down for those substances in Regulation (EU) 2019/1021 POP)

6 Test Results PAH

PAK / PAH*	GF1301	GF1302	GF1303
Benz[a]anthracene (mg/kg)	ND	ND	ND
Chrysene (mg/kg)	ND	ND	ND
Benzo[b]fluoranthene (mg/kg)	ND	ND	ND
Benzo[k]fluoranthene (mg/kg)	ND	ND	ND
Benzo[j]fluoranthene (mg/kg)	ND	ND	ND
Benzo[e]pyrene (mg/kg)	ND	ND	ND
Benzo[a]pyrene (mg/kg)	ND	ND	ND
Dibenz[a,h]anthracene (mg/kg)	ND	ND	ND
1907/2006/EG Anhang XVII Nr. 50 (REACH) ***1907/2006/EC REACH Annex XVII Entry 50***	**Pass**	**Pass**	**Pass**

ND: Nicht nachgewiesen / *Not detected*

Bestimmungsgrenze für alle Substanzen / *Limit of Quantification for all substances*
0,5 mg/kg

*REACH/SVHC Screening results

7 Composition of fraction samples

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.24	**GF1301**	GD2168-03	24-034 Smart Phone, Model XT2451, Sim card holder, Black plastic part	0.13%	0.23
				GD2168-04	24-034 Smart Phone, Model XT2451, Sim card holder, Black rubber seal	0.00%	0.01

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	4.57	**GF1302**	GD2169-02	24-034 Smart Phone, Model XT2451, Lower backside cover, Rubber part	0.72%	1.35
				GD2192-01	24-034 Smart Phone, Model XT2451, Display, Front foil	1.73%	3.22

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	1.01	**GF1303**	GD2194-17	24-034 Smart Phone, Model XT2451, Greared hinge, Black plastic parts	0.03%	0.07
				GD2190-01	24-034 Smart Phone, Model XT2451, Front plastic frame	0.51%	0.95

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	3.23	**GF1304**	GD2188-05	24-034 Smart Phone, Model XT2451, Battery 2, White foil	0.46%	0.86
				GD2171-06	24-034 Smart Phone, Model XT2451, Battery 1, White foil	1.27%	2.37

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.36	**GF1305**	GD2171-11	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 2	0.15%	0.28
				GD2171-12	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 3	0.02%	0.03
				GD2171-09	24-034 Smart Phone, Model XT2451, Battery 1, Blue glue strip	0.03%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.36	**GF1306**	GD2171-03	24-034 Smart Phone, Model XT2451, Battery 1, Black glue strip	0.03%	0.05
				GD2171-10	24-034 Smart Phone, Model XT2451, Battery 1, Green glue strip 1	0.11%	0.20
				GD2188-10	24-034 Smart Phone, Model XT2451, Battery 2, Green glue strips 2	0.06%	0.11

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.98	**GF1307**	GD2171-02	24-034 Smart Phone, Model XT2451, Battery 1, Black plastic part	0.44%	0.82
				GD2188-03	24-034 Smart Phone, Model XT2451, Battery 2, Black glue strip 2	0.05%	0.09
				GD2188-09	24-034 Smart Phone, Model XT2451, Battery 2, Green glue strips 1	0.04%	0.07

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	33.69	**GF1308**	GD2171-15	24-034 Smart Phone, Model XT2451, Battery 1, Carbon coating	13.28%	24.71
				GD2188-13	24-034 Smart Phone, Model XT2451, Battery 2, Carbon coating	4.83%	8.98

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.86	**GF1309**	GD2188-01	24-034 Smart Phone, Model XT2451, Battery 2, Flex	0.17%	0.32
				GD2171-01	24-034 Smart Phone, Model XT2451, Battery 1, Flex	0.29%	0.55

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.39	**GF1310**	GD2173-19	24-034 Smart Phone, Model XT2451, Bottom Speaker, Flex	0.03%	0.06
				GD2182-07	24-034 Smart Phone, Model XT2451, Front camera, Flex	0.06%	0.11
				GD2185-18	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Flex 1	0.02%	0.05
				GD2195-02	24-034 Smart Phone, Model XT2451, Charging coil, Flex 2	0.03%	0.05
				GD2195-01	24-034 Smart Phone, Model XT2451, Charging coil, Flex 1	0.07%	0.12

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.25	**GF1311**	GD2180-03	24-034 Smart Phone, Model XT2451, Flashlight flex	0.01%	0.02
				GD2175-08	24-034 Smart Phone, Model XT2451, Vibra call, Flex	0.00%	0.01
				GD2187-13	24-034 Smart Phone, Model XT2451, Top Speaker, Flex	0.04%	0.07
				GD2197-03	24-034 Smart Phone, Model XT2451, Flex	0.04%	0.07
				GD2199-03	24-034 Smart Phone, Model XT2451, Volume buton flex	0.04%	0.07

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	2.15	**GF1312**	GD2185-19	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Flex 2	0.26%	0.49
				GD2185-34	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Flex	0.18%	0.34
				GD2193-00	24-034 Smart Phone, Model XT2451, Connection flex	0.14%	0.26
				GD2200-00	24-034 Smart Phone, Model XT2451, Power button flex	0.14%	0.27
				GD2174-04	24-034 Smart Phone, Model XT2451, Lightning jack flex	0.43%	0.80

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	17.30	**GF1313**	GD2176-04	24-034 Smart Phone, Model XT2451, Quick view display flex	0.52%	0.96
				GD2191-08	24-034 Smart Phone, Model XT2451, Display connection flex	0.50%	0.94
				GD2172-06	24-034 Smart Phone, Model XT2451, Sub PWB	0.73%	1.36
				GD2196-00	24-034 Smart Phone, Model XT2451, NFC flex	0.99%	1.85
				GD2186-15	24-034 Smart Phone, Model XT2451, Main PWB	6.56%	12.20

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	2.93	**GF1314**	GD2205-03	24-034 Smart Phone, Model XT2451, Black glue pad 3	0.27%	0.50
				GD2208-02	24-034 Smart Phone, Model XT2451, Yellow/Black glue strip	0.52%	0.97
				GD2195-03	24-034 Smart Phone, Model XT2451, Charging coil, Black glue strip 1	0.79%	1.46

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.58	**GF1315**	GD2204-04	24-034 Smart Phone, Model XT2451, Black glue strip 4	0.10%	0.19
				GD2205-02	24-034 Smart Phone, Model XT2451, Black glue pad 2	0.11%	0.20
				GD2204-06	24-034 Smart Phone, Model XT2451, Black glue strip 6	0.11%	0.20

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.35	**GF1316**	GD2186-06	24-034 Smart Phone, Model XT2451, Main PWB, Black glue strip	0.05%	0.09
				GD2191-04	24-034 Smart Phone, Model XT2451, Display connection flex, Black glue strip 1	0.04%	0.08
				GD2205-01	24-034 Smart Phone, Model XT2451, Black glue pad 1	0.09%	0.18

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	7.39	**GF1317**	GD2169-01	24-034 Smart Phone, Model XT2451, Lower backside cover	2.35%	4.37
				GD2215-03	24-034 Smart Phone, Model XT2451, Black plastic insert	0.07%	0.13
				GD2198-02	24-034 Smart Phone, Model XT2451, Lower metal bracket, Black plastic part	0.39%	0.72
				GD2194-02	24-034 Smart Phone, Model XT2451, Greared hinge, Black plastic parts	0.40%	0.75
				GD2201-08	24-034 Smart Phone, Model XT2451, Upper metal bracket, Black plastic part	0.76%	1.42

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.44	**GF1318**	GD2182-01	24-034 Smart Phone, Model XT2451, Front camera, Black plastic housing	0.03%	0.06
				GD2215-04	24-034 Smart Phone, Model XT2451, Black plastic part	0.05%	0.09
				GD2185-07	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic frame 2	0.05%	0.09
				GD2185-06	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Black plastic frame 1	0.06%	0.10
				GD2185-27	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic housing	0.06%	0.10

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.10	**GF1319**	GD2210-00	24-034 Smart Phone, Model XT2451, Blue thermal paste	0.05%	0.10

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.19	**GF1320**	GD2195-04	24-034 Smart Phone, Model XT2451, Charging coil, Black glue strip 2	0.03%	0.06
				GD2194-25	24-034 Smart Phone, Model XT2451, Greared hinge, Black glue strips 5	0.03%	0.06
				GD2204-03	24-034 Smart Phone, Model XT2451, Black glue strip 3	0.04%	0.08

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	6.08	**GF1321**	GD2192-05	24-034 Smart Phone, Model XT2451, Display, Black foil	0.43%	0.80
				GD2177-01	24-034 Smart Phone, Model XT2451, Quick view display foil assembly, Golden foil	0.44%	0.82
				GD2178-02	24-034 Smart Phone, Model XT2451, Quick view display, LCD foil	0.59%	1.10
				GD2192-04	24-034 Smart Phone, Model XT2451, Display, LCD foil 2	0.85%	1.58
				GD2192-03	24-034 Smart Phone, Model XT2451, Display, LCD foil 1	0.96%	1.78

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.18	**GF1322**	GD2203-16	24-034 Smart Phone, Model XT2451, Black shock pad 16+17	0.02%	0.04
				GD2191-02	24-034 Smart Phone, Model XT2451, Display connection flex, Metallic glue strip 1	0.04%	0.07
				GD2176-01	24-034 Smart Phone, Model XT2451, Quick view display flex, Meallic glue strip	0.04%	0.07

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.27	**GF1323**	GD2169-03	24-034 Smart Phone, Model XT2451, Lower backside cover, Logo 1	0.03%	0.06
				GD2185-17	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 1, Lenses	0.04%	0.08
				GD2182-06	24-034 Smart Phone, Model XT2451, Front camera, Lenses	0.02%	0.04
				GD2185-33	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Lenses	0.03%	0.06
				GD2215-02	24-034 Smart Phone, Model XT2451, Blue plastic part	0.02%	0.04

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	0.14	**GF1324**	GD2205-04	24-034 Smart Phone, Model XT2451, Black glue pad 4	0.02%	0.05
				GD2192-07	24-034 Smart Phone, Model XT2451, Display, Black glue strip 1	0.03%	0.05
				GD2194-24	24-034 Smart Phone, Model XT2451, Greared hinge, Black glue strips 4	0.03%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone, Model XT2451	186.05	1.47	**GF1325**	GD2170-02	24-034 Smart Phone, Model XT2451, Metal cover 1, Black plastic part	0.19%	0.36
				GD2173-10	24-034 Smart Phone, Model XT2451, Bottom Speaker, Black plastic housing	0.33%	0.61
				GD2181-02	24-034 Smart Phone, Model XT2451, Metal cover 2, Black plastic part	0.21%	0.40
				GD2185-26	24-034 Smart Phone, Model XT2451, Rear camera assembly, Camera 2, Black plastic frame 2	0.03%	0.05
				GD2199-01	24-034 Smart Phone, Model XT2451, Volume button flex, Black plastic part	0.03%	0.05

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