VDE Prüfbericht / *VDE Test Report*

Prüfbericht Nr. *Report No.*	308200-TL7-2
VDE-Aktenzeichen *VDE File No.*	5022428-9021-0089/308200
Ausstellungsdatum *Date of issue*	2023-07-27
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 E
	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**
Warenzeichen *Trade Mark*	**Motorola/Lenovo**
Typenbezeichnungen(en) *Type reference(s)*	**Model: XT2343, XT2431, XT2435 Series** **S/N: SA79A6PSSM**
Bemessungsdaten *Ratings*	

Zustand des Prüfmusters *Test sample condition*	☒	Unbeschädigtes Prüfmuster *Non-damaged sample*	
	Bemerkung / *Remark:*		
Wareneingang Prüfmuster *Sample entry date*	2023-05-25		
Datum der Durchführung der Prüfungen *Date (s) of performance of tests*	2023-05-25 – 2023-07-27		

Geprüft und erstellt von: *Tested by*..... :	Annabell Strey	
Name / *Name,* Unterschrift / *Signature* ..... :	(Autorisierung des Prüfberichtes *Authorization of test report*)	A. Strey
Funktion / *Function*..... :	Prüfingenieur / Testing engineer	
Überprüft von / *approved by*..... :		
Name / Name, Unterschrift / Signature ..... :	Annkatrin Kuhl	
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	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. However, reporting is required on the homogeneous material level due to 1,3-propanesultone.

This test report Testreport-308200-TL7-2 replaces test report Testreport-308200-TL7-1. Results of samples FV2132-19 and FV2121-00 were updated.

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
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
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

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.a. (no batteries)
Chromium (VI) compounds	n.d. 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 2.2; 2.3; 3; 4
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.
Perfluorooctanoic Acids	n.t.
Persistant 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 (no external cables)
Certain short and medium chained chlorinated paraffins	n.d. (SCCP- see chapter 3) n.t. (MCCP)
REACH Authorised and Restricted Substances not otherwise listed	See Chapter 5
REACH Authorised and Restricted Substances not otherwise listed - Entry 20 Organostannic compounds [6]	Sn < 0.1%[1)]
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 %[1)] (DBB < 0.1%)
REACH Authorised and Restricted Substances not otherwise listed - Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	See Chapter 6
REACH Candidate List Substances not otherwise listed	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.

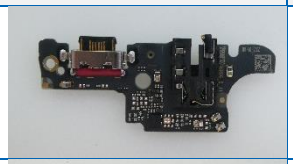
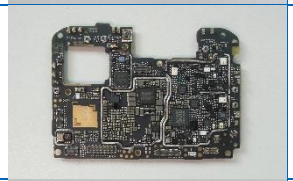
Following materials of concern according to Motorola 12G02897W18 rev. E were identified that exceed the thresholds according to Appendix C Section 5 for controlled and banned substances.

2.2 Items that only use Homogeneous Materials

Sample Item	Description	Photo	Material of Concern (Concentration) [1)]	Does that rating make use of an Exemption	Sub Item level acceptance rating
FV2142-03	23-147 Smart Phone XT2343-1, Metal housing, Golden screw inserts		**Pb** (1.8 ± 0.7 % = 18000 ± 7000 ppm)	Pb in Copper alloy Exemption 6(c)	**Pass, exemption applicable**

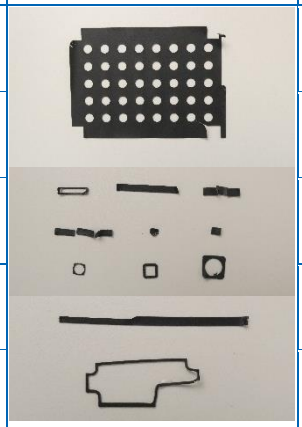
[1)] Threshold limits are given in ppm, exemptions are in wt. % - ppm = mg/kg (w/w)

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

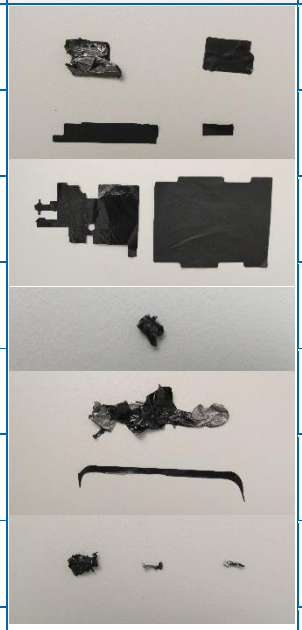
Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1]	Does that rating make use of an Exemption	Sub Item level acceptance rating
FV2130-04	23-147 Smart Phone XT2343-1, Lightning jack PWB		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FV2133-09	23-147 Smart Phone XT2343-1, Main PWB		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FV2137-05	23-147 Smart Phone XT2343-1, Display connection flex		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FV2138-01	23-147 Smart Phone XT2343-1, Battery, Flex		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**

[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

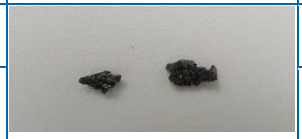
3 Material Assay Screening Results

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. E Appendix C relevant compounds [1)]
FV2098-00	23-147 Smart Phone XT2343-1, SIM Card holder		0.410	0.23%				
FV2098-01	23-147 Smart Phone XT2343-1, SIM Card holder, Label				0.24%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si Cl K; Trace: P S Ca V Ni Zr Nb Mo Ag Sn Sb.	Reportable: Al;
FV2098-02	23-147 Smart Phone XT2343-1, SIM Card holder, Gray rubber seal				2.68%	Silicone	Main: Si S; Other: Al P Cl K Ca Ti Fe Ni; Trace: V Cr Mn Zn.	Reportable: Al Fe Si;
FV2098-03	23-147 Smart Phone XT2343-1, SIM Card holder, Black plastic part				35.85%	PC	Main: Al Si Ca Ti; Other: P S Cl K Fe; Trace: V Cr Mn Ni Br Sr Zr.	Reportable: Al Fe Si P;
FV2098-04	23-147 Smart Phone XT2343-1, SIM Card holder, Metal frame				61.22%		Main: S Cr Mn Fe Ni; Other: Al Si P Ca V Co Cu Mo W; Trace: Ti Zn Ga Ge Nb Sn.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FV2099-00	23-147 Smart Phone XT2343-1, Black shock pads 1-17		1.328	0.76%				
FV2099-01	23-147 Smart Phone XT2343-1, Black shock pad 1				83.58%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti V Cr Mn Sr Mo Sb.	Reportable: Al Fe Si;
FV2099-02	23-147 Smart Phone XT2343-1, Black shock pad 2				0.68%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P Cl K Ca; Trace: S Ti V Cr Mn Fe Ni Cu Zn Nb Mo Sb.	Reportable: Al Si;
FV2099-03	23-147 Smart Phone XT2343-1, Black shock pad 3				2.03%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe Ni; Trace: Ti V Cr Mn Cu Sr Mo.	Reportable: Al Fe Si P;
FV2099-04	23-147 Smart Phone XT2343-1, Black shock pad 4				1.96%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe; Trace: Ti V Cr Mn Ni Cu.	Reportable: Al Fe Si P;
FV2099-05	23-147 Smart Phone XT2343-1, Black shock pad 5				2.56%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe Cu; Trace: Ti V Cr Mn Ni.	Reportable: Al Fe Si;

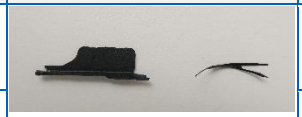
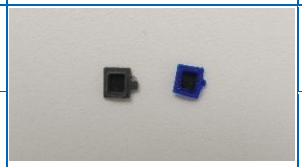
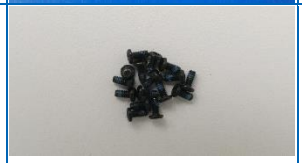
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2099-06	23-147 Smart Phone XT2343-1, Black shock pad 6				0.08%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe Ni; Trace: Ti V Cr Mn Cu Zn.	Reportable: Al Fe Si;
FV2099-07	23-147 Smart Phone XT2343-1, Black shock pad 7				0.30%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K; Trace: Ti V Cr Mn Fe Ni.	Reportable: Al Si;
FV2099-08	23-147 Smart Phone XT2343-1, Black shock pad 8				0.23%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K; Trace: Ti V Cr Mn Fe Ni Sb.	Reportable: Al Si;
FV2099-09	23-147 Smart Phone XT2343-1, Black shock pad 9				0.60%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si Cl K; Trace: P S Ti V Cr Mn Fe Ni Cu.	Reportable: Al;
FV2099-10	23-147 Smart Phone XT2343-1, Black shock pad 10				1.88%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: V Cr Mn Ni Zn Sr.	Reportable: Al Fe Si P;
FV2099-11	23-147 Smart Phone XT2343-1, Black shock pad 11				2.86%	PUR 60% PET 20% Acrylic 20%	Main: Al Si Ca; Other: P S Cl K Fe Ni; Trace: Ti V Cr Mn Cu Sb.	Reportable: Al Fe Si;
FV2099-12	23-147 Smart Phone XT2343-1, Black shock pad 12				2.18%	PUR 60% PET 20% Acrylic 20%	Other: Al Si K; Trace: P Ca Ti Cr Mn Fe Ni Cu Zn.	Reportable: Al;
FV2099-13	23-147 Smart Phone XT2343-1, Black shock pad 13				0.23%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu Sb.	Reportable: Al Si;
FV2099-14	23-147 Smart Phone XT2343-1, Black shock pad 14				0.38%	PE 60% PET 20% Acrylic 20%	Other: Al Si S K Ca Zn; Trace: P Cl Ti V Cr Mn Fe Ni Cu Sb.	Reportable: Al Zn;
FV2099-15	23-147 Smart Phone XT2343-1, Black shock pad 15				0.23%	PUR	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Cr Mn Fe Ni Cu.	Reportable: Al Si;
FV2099-16	23-147 Smart Phone XT2343-1, Black shock pad 16				0.15%	PE 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca; Trace: Ti Cr Mn Fe Ni Cu Br Mo Ag Sn Sb.	Reportable: Al Si;
FV2099-17	23-147 Smart Phone XT2343-1, Black shock pad 17				0.08%	PE 60% PET 20% Acrylic 20%	Other: Al Si P Cl K Ca; Trace: S Ti Cr Mn Fe Ni Cu Sb.	Reportable: Al Si;

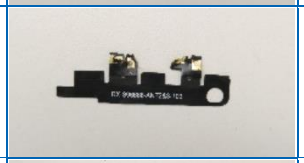
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2100-00	23-147 Smart Phone XT2343-1, Black glue strips 1-12		1.509	0.86%				
FV2100-01	23-147 Smart Phone XT2343-1, Black glue strips 1				1.13%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe; Trace: V Cr Mn Ni Cu Zn.	Reportable: Al Fe Si P;
FV2100-02	23-147 Smart Phone XT2343-1, Black glue strips 2				1.59%	PE 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Zn; Trace: Ti V Cr Mn Ni Cu.	Reportable: Al Fe Si P;
FV2100-03	23-147 Smart Phone XT2343-1, Black glue strips 3				0.86%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti Fe; Trace: V Cr Mn Ni Cu Zn.	Reportable: Al Fe Si;
FV2100-04	23-147 Smart Phone XT2343-1, Black glue strips 4				0.27%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti V Cr Mn Ni Cu Zn.	Reportable: Al Fe Si P;
FV2100-05	23-147 Smart Phone XT2343-1, Black glue strips 5				11.13%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu.	Reportable: Al Si P;
FV2100-06	23-147 Smart Phone XT2343-1, Black glue strips 6				78.00%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Ni; Trace: V Cr Mn Co Cu.	Reportable: Al Co Si P;
FV2100-07	23-147 Smart Phone XT2343-1, Black glue strips 7				0.07%	Acrylic	Other: Al Si P S Cl K Ca; Trace: Ti Cr Fe Co Ni Cu Sn.	Reportable: Al Co Si;
FV2100-08	23-147 Smart Phone XT2343-1, Black glue strips 8				4.17%	PET 80% Acrylic 20%	Main: Si P; Other: Al S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu Br.	Reportable: Al Si P;
FV2100-09	23-147 Smart Phone XT2343-1, Black glue strips 9				1.52%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe; Trace: V Cr Mn Co Ni Cu Br Sr Zr Nb Mo Sb W.	Reportable: Al Fe Co Si P;
FV2100-10	23-147 Smart Phone XT2343-1, Black glue strips 10				0.93%	PET 80% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti Cr Fe; Trace: V Mn Ni Cu Zn Br Sr Zr Sb I.	Reportable: Al Cr Fe Si;
FV2100-11	23-147 Smart Phone XT2343-1, Black glue strips 11				0.27%	Acrylic	Main: S; Other: Al Si P Cl K Ca Ti; Trace: V Cr Mn Fe Ni Zr Nb Mo I.	Reportable: Al Si;

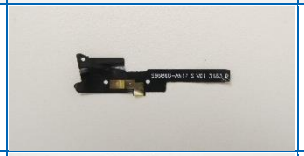
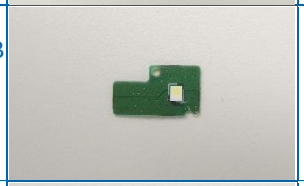
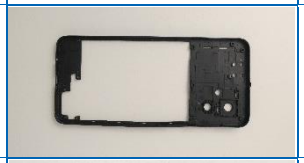
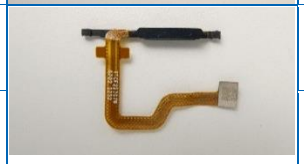
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2100-12	23-147 Smart Phone XT2343-1, Black glue strips 12				0.07%	Acrylic	Main: S Ti; Other: Al Si P Cl K Ca V; Trace: Cr Mn Fe Co Ni Cu Br Zr Nb Mo.	Reportable: Al Co Si;
FV2101-00	23-147 Smart Phone XT2343-1, Black glue pads 1-4		0.411	0.23%				
FV2101-01	23-147 Smart Phone XT2343-1, Black glue pads 1				65.94%	Acrylic	Other: Al Si P S Cl K Ca Ti Fe Cu Zn; Trace: Ni La Ce W.	Reportable: Al Fe Zn Si;
FV2101-02	23-147 Smart Phone XT2343-1, Black glue pads 2				15.33%	Acrylic	Main: Ca; Other: Al Si P S Cl K Ti Fe Cu Zn; Trace: V Cr Mn Co Ni.	Reportable: Al Fe Co Zn Si;
FV2101-03	23-147 Smart Phone XT2343-1, Black glue pads 3				17.76%	Acrylic	Main: Si; Other: Al P S Cl K Ca Fe Zn; Trace: Ti V Cr Mn Ni Cu Zr.	Reportable: Al Fe Zn Si;
FV2101-04	23-147 Smart Phone XT2343-1, Black glue pads 4				0.97%	Acrylic	Main: Al Si; Other: P S Cl K Ca Cu Zn; Trace: Ti V Cr Mn Fe Ni Mo.	Reportable: Al Zn Si P;
FV2102-00	23-147 Smart Phone XT2343-1, Label 1-6		0.019	0.01%				
FV2102-01	23-147 Smart Phone XT2343-1, Label 1				36.84%	Paper 80% SB 20%	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: V Cr Mn Co Ni Cu.	Reportable: Al Fe Co Si;
FV2102-02	23-147 Smart Phone XT2343-1, Label 2				10.53%	Paper 80% SB 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni.	Reportable: Al Fe Si;
FV2102-03	23-147 Smart Phone XT2343-1, Label 3				10.53%	PET 80% Acrylic 20%	Main: Si Ti; Other: Al P S Cl K Ca; Trace: Cr Fe Ni Cu Sn Sb Te.	Reportable: Al Si;
FV2102-04	23-147 Smart Phone XT2343-1, Label 4				5.26%	Acrylic	Main: Ca; Other: Al Si S K Ti; Trace: V Fe Ni Mo Ag In Sn Sb Te I Cs.	Reportable: Al;
FV2102-05	23-147 Smart Phone XT2343-1, Label 5				10.53%	PET 80% Acrylic 20%	Main: Al Si Ti; Other: P S Cl K Ca; Trace: Cr Mn Fe Ni Cu Sb.	Reportable: Al Si;

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. E Appendix C relevant compounds [1)]
FV2102-06	23-147 Smart Phone XT2343-1, Label 6				26.32%	PP	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni.	Reportable: Al Fe Si;
FV2103-00	23-147 Smart Phone XT2343-1, Black glue 1-2		0.013	0.01%				
FV2103-01	23-147 Smart Phone XT2343-1, Black glue 1				3.85%	Acrylic	Main: Al Si Ca; Other: P S Cl K Fe Zn; Trace: Ti V Cr Mn Ni Cu Sr Mo Ba.	Reportable: Al Fe Zn Si;
FV2103-02	23-147 Smart Phone XT2343-1, Black glue 2				6.15%	Polyolefine	Main: S; Other: Al Si P Cl K Ca Ti Fe Zn; Trace: V Cr Mn Ni Cu Mo.	Reportable: Al Fe Zn Si;
FV2104-00	23-147 Smart Phone XT2343-1, Metallic glue strips 1-4		0.032	0.02%				
FV2104-01	23-147 Smart Phone XT2343-1, Metallic glue strips 1				6.25%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca Ti; Trace: Cr Mn Fe Zn Sn Sb I Ba.	Reportable: Al Cu Si; Controlled: Ni.
FV2104-02	23-147 Smart Phone XT2343-1, Metallic glue strips 2				15.63%	PET 80% Acrylic 20%	Main: S Ni Cu; Other: Al Si P Cl K Ca Ti; Trace: Cr Fe Zn Zr Nb Mo Sb Ba La.	Reportable: Al Cu Si; Controlled: Ni.
FV2104-03	23-147 Smart Phone XT2343-1, Metallic glue strips 3				59.38%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Zn; Trace: V Cr Fe Zr Nb Sb Ba.	Reportable: Al Cu Si; Controlled: Ni.
FV2104-04	23-147 Smart Phone XT2343-1, Metallic glue strips 4				18.75%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si K Ca Ti; Trace: P Fe Zn Zr Nb Mo Sn Sb Cs.	Reportable: Al Cu; Controlled: Ni.
FV2105-00	23-147 Smart Phone XT2343-1, Metallic shock pads 1-5		0.062	0.04%				
FV2105-01	23-147 Smart Phone XT2343-1, Metallic shock pads 1				9.68%	PUR 60% PET 20% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca; Trace: Ti V Cr Fe Zn Zr Nb Mo Sn Sb I.	Reportable: Al Cu Si; Controlled: Ni.

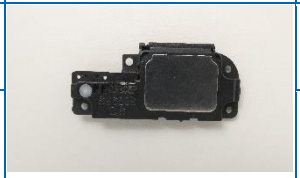
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2105-02	23-147 Smart Phone XT2343-1, Metallic shock pads 2				4.84%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si S Cl K Ca; Trace: P Ti Cr Mn Fe Zn Zr Nb Mo Sn Sb Te Cs Ba La.	Reportable: Al Cu Si; Controlled: Ni.
FV2105-03	23-147 Smart Phone XT2343-1, Metallic shock pads 3				1.61%	PUR 60% PET 20% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Ti; Trace: V Cr Mn Fe Zn Sn.	Reportable: Al Cu Si; Controlled: Ni.
FV2105-04	23-147 Smart Phone XT2343-1, Metallic shock pads 4				1.61%	PUR 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Ba; Trace: Cr Mn Fe Zn In Sn Sb Te I Cs La Ce.	Reportable: Al Cu Ba Si; Controlled: Ni.
FV2105-05	23-147 Smart Phone XT2343-1, Metallic shock pads 5				82.26%	PUR 60% PET 20% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Ti; Trace: Cr Mn Fe Zn Zr Nb Mo Sb Ce.	Reportable: Al Cu Si; Controlled: Ni.
FV2106-00	23-147 Smart Phone XT2343-1, Clear glue, Clear glue strips 1-2		0.237	0.13%				
FV2106-01	23-147 Smart Phone XT2343-1, Clear glue				0.42%	Acrylic	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Cr Mn Fe Ni Cu Mo Sn Sb.	Reportable: Al Si;
FV2106-02	23-147 Smart Phone XT2343-1, Clear glue strips 1				2.95%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu Zn Mo.	Reportable: Al Si;
FV2106-03	23-147 Smart Phone XT2343-1, Clear glue strips 2				96.62%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Cu; Trace: Ti Cr Fe Ni Zn Sb La Ce.	Reportable: Al Si;
FV2107-00	23-147 Smart Phone XT2343-1, Copper glue strip 1-2		0.254	0.14%				
FV2107-01	23-147 Smart Phone XT2343-1, Copper glue strip 1				68.11%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Zn; Trace: Ti V Cr Mn Co Ga Ge Br W Bi.	Reportable: Al Co Cu Zn; Controlled: Ni.
FV2107-02	23-147 Smart Phone XT2343-1, Copper glue strip 2				31.89%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Cr Zn Ga Ag Tl; Trace: Ti Co Ge As Br W Bi.	Reportable: Al Cr Co Cu Zn Ag Tl; 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. E Appendix C relevant compounds [1)]
FV2108-00	23-147 Smart Phone XT2343-1, Black plastic part, Black plastic strip		0.076	0.04%				
FV2108-01	23-147 Smart Phone XT2343-1, Black plastic part				98.68%	PC	Main: Si; Other: Al P S Cl K Ti; Trace: Ca V Cr Mn Fe Ni Cu.	Reportable: Al Si;
FV2108-02	23-147 Smart Phone XT2343-1, Black plastic strip				1.32%	PET	Main: Si S; Other: Al P Cl K Ca Ti; Trace: V Cr Mn Fe Ni.	Reportable: Al Si;
FV2109-00	23-147 Smart Phone XT2343-1, Black rubber part, Blue rubber part		0.012	0.01%				
FV2109-01	23-147 Smart Phone XT2343-1, Black rubber part				41.67%	Silicone	Main: Si S; Other: Al P Cl K Ca Ti Fe; Trace: V Cr Mn Ni Zn.	Reportable: Al Fe Si;
FV2109-02	23-147 Smart Phone XT2343-1, Blue rubber part				41.67%	Silicone	Main: Si S; Other: Al P Cl Ca; Trace: K Ti V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si;
FV2109-03	23-147 Smart Phone XT2343-1, Black net 1				8.33%	PET 80% Acrylic 20%	Other: Al Si S Cl K Ca Ti; Trace: P Fe Ni Cu Br Mo Sb I Cs Ba.	Reportable: Al Si;
FV2109-04	23-147 Smart Phone XT2343-1, Black net 2				8.33%	PET 80% Acrylic 20%	Main: Si S; Other: Al P Cl K Ca Ti Fe; Trace: V Cr Mn Ni Sb.	Reportable: Al Fe Si;
FV2110-00	23-147 Smart Phone XT2343-1, White paste		0.214	0.12%		Silicone	Main: Al Si; Other: Ca Fe; Trace: P Cl K Ti Cr Ni Ga.	Reportable: Al Fe Si;
FV2111-00	23-147 Smart Phone XT2343-1, Black screws 1+2		0.633	0.36%			Main: Fe Ni Zn; Other: Al Si P S Ca Ti Cr Mn Co Cu W; Trace: Ga Ge Sn Bi.	Reportable: Al Cr** Fe Co Cu Zn W; Controlled: Ni.

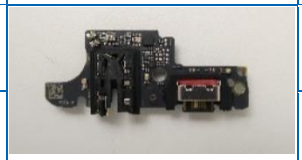
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2112-00	23-147 Smart Phone XT2343-1, Glass rear camera cover 1+2		0.274	0.16%				
FV2112-01	23-147 Smart Phone XT2343-1, Glass rear camera cover 1				50.73%		Main: Al Si P K; Other: S Cl Ca Zr Sn; Trace: Ti V Cr Fe Ni Cu Ga.	Reportable: Al Sn Si P;
FV2112-02	23-147 Smart Phone XT2343-1, Glass rear camera cover 2				49.27%		Main: Al Si P K; Other: S Cl Ca Zr Sn; Trace: Ti V Cr Fe Ni Cu Ga.	Reportable: Al Sn Si P;
FV2113-00	23-147 Smart Phone XT2343-1, Backside cover		6.896	3.92%		PMMA	Other: Al Si P S Cl K Ca Ti V; Trace: Cr Mn Fe Ni Cu Nb.	Reportable: Al P;
FV2114-00	23-147 Smart Phone XT2343-1, Light guide		0.031	0.02%		PMMA	Other: Al Si S Cl K Ca; Trace: Ti V Cr Mn Fe Ni Mo.	Reportable: Al;
FV2115-00	23-147 Smart Phone XT2343-1, Rear camera cover frame		1.900	1.08%			Main: Al; Other: Si S Cl Fe; Trace: P K Ca Ti V Ni Zn Ga.	Reportable: Al Fe Si;
FV2116-00	23-147 Smart Phone XT2343-1, Antenna flex 1		0.108	0.06%			Main: Cu; Other: Si P S Cl Ca Co Ni W; Trace: K Cr Fe Zn Zr Sn.	Reportable: Co Cu W Si;
FV2117-00	23-147 Smart Phone XT2343-1, Antenna flex 2		0.055	0.03%			Main: Cu; Other: Si P S Cl Ca Ti Co Ni; Trace: K Cr Fe Zn Zr Sn W.	Reportable: Co Cu Si;
FV2118-00	23-147 Smart Phone XT2343-1, Antenna flex 3		0.107	0.06%			Main: Cu; Other: Si P S Cl Ca Co Ni; Trace: K Cr Fe Zn Zr W.	Reportable: Co Cu; Controlled: Ni.

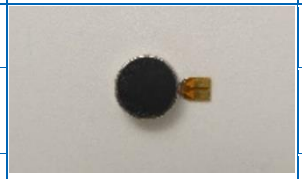
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2119-00	23-147 Smart Phone XT2343-1, Antenna flex 4		0.040	0.02%			Main: Cu; Other: Si P S Cl Ca Co Ni Yb; Trace: K Ti Cr Fe Zn Br Zr Sn W.	Reportable: Co Cu Si; Controlled: Ni.
FV2120-00	23-147 Smart Phone XT2343-1, Antenna flex 5		0.358	0.20%			Main: Si S Ti V Fe Cu; Other: Al P Cl K Ca Mn Co Ni Zn Sr Ba W; Trace: Zr Mo Sn Pr Nd.	Reportable: Al Fe Co Cu Zn Ba W Si P; Controlled: Ni.
FV2121-00	23-147 Smart Phone XT2343-1, Flashlight PWB		0.093	0.05%			Main: Si S Cu Ba; Other: Al P Cl K Ca Ti Sr Sn I Th; Trace: Zn Nb Ag.	Reportable: Al Cu Sn Ba Si;
FV2122-00	23-147 Smart Phone XT2343-1, Volume buttons		0.074	0.04%				
FV2122-01	23-147 Smart Phone XT2343-1, Volume buttons				72.97%	PC	Main: Al Si; Other: P S Cl K Ca Ti; Trace: Fe Ni Cu.	Reportable: Al Si;
FV2122-02	23-147 Smart Phone XT2343-1, Volume buttons, Orange rubber seal				27.03%	PUR	Main: S; Other: Al Si P Cl K Ca Ti; Trace: V Cr Mn Fe Ni.	Reportable: Al Si;
FV2123-00	23-147 Smart Phone XT2343-1, Black plastic frame		7.454	4.24%		PC	Main: Si; Other: Al P S Cl K Ca; Trace: Ni Ce.	Reportable: Al Si P;
FV2124-00	23-147 Smart Phone XT2343-1, Power button flex		0.274	0.16%				
FV2124-01	23-147 Smart Phone XT2343-1, Power button flex				89.42%		Main: Al P Fe Ni Cu; Other: Si S Cl K Ca Ti Cr Mn Zr Ba Au; Trace: V Zn Sr Nb Mo Ag Sn.	Reportable: Al Cr Fe Cu Ba Au Si P; Controlled: Ni.

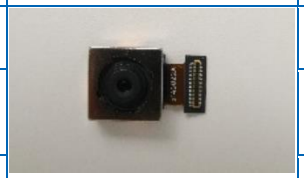
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2124-02	23-147 Smart Phone XT2343-1, Power button flex, Black rubber part				10.58%	TPU	Main: Si S Ca Ti; Other: Al P Cl K; Trace: Fe Ni Cu Zr Nb Mo.	Reportable: Al Si P;
FV2125-00	23-147 Smart Phone XT2343-1, Rear camera 1		0.211	0.12%				
FV2125-01	23-147 Smart Phone XT2343-1, Rear camera 1, Blue glass				0.47%		Main: Si S; Other: Al P Cl K Ca Ti Zn; Trace: V Cr Mn Fe Ni.	Reportable: Al Zn Si;
FV2125-02	23-147 Smart Phone XT2343-1, Rear camera 1, Black plastic housing				29.38%	PMMA	Other: Al Si P S Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu Zn.	Reportable: Al;
FV2125-03	23-147 Smart Phone XT2343-1, Rear camera 1, Black plastic ring				0.47%	PC	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Ni.	Reportable: Al Si;
FV2125-04	23-147 Smart Phone XT2343-1, Rear camera 1, Black foil rings				0.00%	PET	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Ni.	Reportable: Al Si;
FV2125-05	23-147 Smart Phone XT2343-1, Rear camera 1, Lenses				3.79%	PMMA	Main: Si S Ti; Other: Al P Cl K Ca; Trace: Cr Mn Ni Nb Mo.	Reportable: Al Si;
FV2125-06	23-147 Smart Phone XT2343-1, Rear camera 1, Flex				65.88%		Main: Al P S Ca Cr Fe Ni Cu; Other: Si Cl K Ti Mn Co Zn Sr Zr Ag Sn Ba Au; Trace: V Mo Th.	Reportable: Al Cr Fe Co Cu Ag Sn Ba Au Si P; Controlled: Ni.
FV2126-00	23-147 Smart Phone XT2343-1, Front camera		0.254	0.14%				
FV2126-01	23-147 Smart Phone XT2343-1, Front camera, Black plastic housing				31.89%	PMMA	Main: Si Ca Ti; Other: Al P S Cl K Mn Fe Cu Zn Ba; Trace: V Cr Ni Sr Zr Nb Bi.	Reportable: Al Fe Cu Zn Ba Si;
FV2126-02	23-147 Smart Phone XT2343-1, Front camera, Black foil rings				0.39%	PET	Main: S; Other: Al Si P Cl K Ca Ti; Trace: V Cr Mn Ni Cu.	Reportable: Al Si;
FV2126-03	23-147 Smart Phone XT2343-1, Front camera, Black plastic ring				2.76%	PMMA	Main: S Cu Zn; Other: Al Si P Cl Ca Bi; Trace: K Ti V Cr Fe Ni Nb Mo Sn.	Reportable: Al Cu Zn Bi Si;
FV2126-04	23-147 Smart Phone XT2343-1, Front camera, Lenses				12.20%	EP	Main: Si; Other: Al P S Cl Ca Ti; Trace: K Cr Mn Fe Ni.	Reportable: Al Si;

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. E Appendix C relevant compounds [1)]
FV2126-05	23-147 Smart Phone XT2343-1, Front camera, Blue glass				5.51%		Main: Al Si P Ca Ba; Other: S Cl K Ti Cu Zn; Trace: Ni Sr I Cs Ce.	Reportable: Al Cu Zn Ba Si P;
FV2126-06	23-147 Smart Phone XT2343-1, Front camera, Flex				47.24%		Main: Si S Ni Cu Sn; Other: Al P Cl K Ca Ti Fe Co Zr Pd Ag Ba La Au; Trace: Zn Ge Sr Nb Mo Ce Pb.	Reportable: Al Fe Co Cu Pd Ag Sn Ba La Au Si P; Controlled: Ni.
FV2127-00	23-147 Smart Phone XT2343-1, Bottom speaker		2.541	1.44%				
FV2127-01	23-147 Smart Phone XT2343-1, Bottom speaker, Black plastic housing				28.41%	PC	Main: Ca; Other: Al Si S Cl K Ti Fe; Trace: P V Cr Mn Ni Cu Zn Sr Zr Sn.	Reportable: Al Fe Si;
FV2127-02	23-147 Smart Phone XT2343-1, Bottom speaker, Metal plate 1				13.77%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu Mo W; Trace: Ca Ti Ga Ge.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FV2127-03	23-147 Smart Phone XT2343-1, Bottom speaker, Metal plate 2				18.58%		Main: P Fe Ni; Other: Al Si S Ca Cr Mn Co Zn Bi; Trace: Ti V Cu Ga Mo.	Reportable: Al Cr Fe Co Zn Bi; Controlled: Ni.
FV2127-04	23-147 Smart Phone XT2343-1, Bottom speaker, Copper wire				2.95%		Main: Si S Cu Ag; Other: Al P Ca Ni Zn Ga Tl; Trace: Ti V Cr Mn Fe Ge As Sn.	Reportable: Al Cu Zn Ag Tl; Controlled: Ni.
FV2127-05	23-147 Smart Phone XT2343-1, Bottom speaker, Membrane				1.14%	PPS/PC	Main: Al Si; Other: S Cl Fe; Trace: P K Ca Ti V Mn Ni Cu Zn Ga Mo.	Reportable: Al Fe Si;
FV2127-06	23-147 Smart Phone XT2343-1, Bottom speaker, Magnet				23.49%		Main: Fe Zn W; Other: Al Si P S Ca Ti V Cr Co Cu Ge Nb; Trace: Mn Ga Zr Sn Te Tl.	Reportable: Al Cr** Fe Co Cu Zn W Au;
FV2127-07	23-147 Smart Phone XT2343-1, Bottom speaker, Metal plate 3				8.50%		Main: Fe Zn; Other: Al Si P S Cr Mn Co W; Trace: Ca Ni Ga Ge Bi.	Reportable: Al Cr** Fe Co Zn W;
FV2127-08	23-147 Smart Phone XT2343-1, Bottom speaker, Black shock pad				0.20%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe Ni Zn; Trace: Ti V Cr Mn.	Reportable: Al Fe Si;

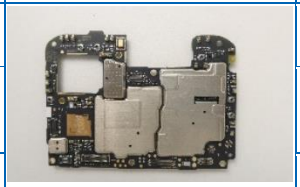
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1]
FV2127-09	23-147 Smart Phone XT2343-1, Bottom speaker, White foam				0.16%	PET	Main: S; Other: Al Si P Cl K Ca; Trace: Ti V Cr Mn Fe Ni Mo.	Reportable: Al Si;
FV2127-10	23-147 Smart Phone XT2343-1, Bottom speaker, White glue				0.35%	PUR	Main: Si P S; Other: Al Cl K Ca Fe Ni; Trace: Ti V Cr Mn Cu Zn.	Reportable: Al Fe Si P; Controlled: Ni.
FV2127-11	23-147 Smart Phone XT2343-1, Bottom speaker, Flex				2.40%		Main: Al Si P S Ca Ni Cu; Other: Cl K Ti Fe Sr Sn Ba Au; Trace: Co Ge Br Zr La Pb Th.	Reportable: Al Fe Co Cu Sn Ba Au Si P; Controlled: Ni.
FV2127-12	23-147 Smart Phone XT2343-1, Bottom speaker, White net				0.04%	PET 80% Acrylic 20%	Other: Si P S Ca; Trace: Cl K Ti Fe Sn.	
FV2128-00	23-147 Smart Phone XT2343-1, Black connection cable		0.172	0.10%				
FV2128-01	23-147 Smart Phone XT2343-1, Black connection cable, Black cable jacket				13.95%	PTFE[3]	Other: Si P S Cl Ca; Trace: K Ti Fe Sn.	
FV2128-02	23-147 Smart Phone XT2343-1, Black connection cable, Wire 1				36.05%		Main: P S Cu Sn; Other: Al; Trace: Ni.	Reportable: Cu Sn;
FV2128-03	23-147 Smart Phone XT2343-1, Black connection cable, White cable jacket				25.00%	PTFE[3]	Other: Si P S Cl Ca Ti Cu; Trace: K Fe.	Reportable: Cu;
FV2128-04	23-147 Smart Phone XT2343-1, Black connection cable, Wire 2				5.23%		Main: P S Cu; Other: Al Fe Ni Ag;	Reportable: Fe Cu Ag;
FV2128-05	23-147 Smart Phone XT2343-1, Black connection cable, Golden metal contact holders				18.60%		Main: P S Ni Cu Sn; Other: Al Au;	Reportable: Cu Sn Au; Controlled: Ni.
FV2128-06	23-147 Smart Phone XT2343-1, Black connection cable, Black plastic inserts				0.58%	PP	Other: Si P S Cl Ca; Trace: K Fe Sn.	Reportable: Si;

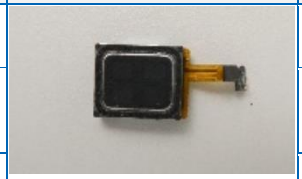
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2128-07	23-147 Smart Phone XT2343-1, Black connection cable, Golden contacts				0.58%		Main: P S Ni Cu Sn Au; Other: Al Fe;	Reportable: Fe Cu Sn Au; Controlled: Ni.
FV2129-00	23-147 Smart Phone XT2343-1, White connection cable		0.187	0.11%				
FV2129-01	23-147 Smart Phone XT2343-1, White connection cable, White cable jacket 1				16.58%	PTFE[3)]	Other: Si P S Ca Ti Cu; Trace: Cl V Fe Sn.	Reportable: Cu;
FV2129-02	23-147 Smart Phone XT2343-1, White connection cable, Wire 1				35.29%		Main: P S Cu Sn; Other: Al Ni; Trace: Fe.	Reportable: Cu Sn; Controlled: Ni.
FV2129-03	23-147 Smart Phone XT2343-1, White connection cable, White cable jacket 2				23.53%	PTFE[3)]	Main: Si S Ti Cu; Other: P Cl K Ca Fe Co; Trace: V Cr Ni Zn Ag Sn W.	Reportable: Fe Co Cu Si P;
FV2129-04	23-147 Smart Phone XT2343-1, White connection cable, Wire 2				6.42%		Main: P S Cu Ag; Other: Al Ni;	Reportable: Cu Ag;
FV2129-05	23-147 Smart Phone XT2343-1, White connection cable, Golden metal contact holders				17.11%		Main: P S Ni Cu Sn; Other: Al Au;	Reportable: Cu Sn Au; Controlled: Ni.
FV2129-06	23-147 Smart Phone XT2343-1, White connection cable, Black plastic inserts				0.53%	PP	Other: Si P S Cl Ca; Trace: K Fe Zn.	Reportable: Si;
FV2129-07	23-147 Smart Phone XT2343-1, White connection cable, Golden contacts				0.53%		Main: P S Ni Cu Sn; Other: Al Te Au;	Reportable: Cu Sn Te Au; Controlled: Ni.
FV2130-00	23-147 Smart Phone XT2343-1, Lightning jack PWB		1.462	0.83%				
FV2130-01	23-147 Smart Phone XT2343-1, Lightning jack PWB, Black rubber part 1				6.36%	Silicone	Main: Si; Other: P S Cl Ca Fe; Trace: K Ti.	Reportable: Fe Si;

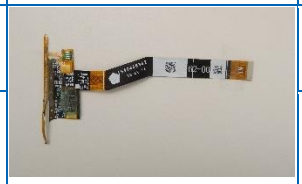
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2130-02	23-147 Smart Phone XT2343-1, Lightning jack PWB, Black rubber part 2				8.62%	Silicone	Main: Si Fe; Other: P S Cl K Ca Ti Mn; Trace: Ni Zn Mo.	Reportable: Fe Si P;
FV2130-03	23-147 Smart Phone XT2343-1, Lightning jack PWB, Humidity indicator				0.07%	Paper	Other: Si P S Cl Ca Ti; Trace: K Fe Sn.	
FV2130-04	23-147 Smart Phone XT2343-1, Lightning jack PWB				84.95%		Main: Si S Cr Fe Ni Cu Ba; Other: Al P Cl K Ca Ti V Mn Co Zn Sr Ag Sn I Ce Au; Trace: Mo Th. See x, y – Scan (Chapter 4)	Reportable: Al Cr Fe Co Cu Ag Sn Ba Ce Au Si P; **Controlled**: Ni **Pb**.
FV2131-00	23-147 Smart Phone XT2343-1, Vibra call		0.914	0.52%				
FV2131-01	23-147 Smart Phone XT2343-1, Vibra call, Black glue strip				2.08%	PUR 60% PET 20% Acrylic 20%	Other: Si P S Cl Ca; Trace: K Fe.	
FV2131-02	23-147 Smart Phone XT2343-1, Vibra call, Metal part 1				24.95%		Main: P Fe Ni; Other: Al S Cr Mn Co Cu; Trace: V.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FV2131-03	23-147 Smart Phone XT2343-1, Vibra call, Magnet 1				25.27%		Main: Al Fe Ni Cu; Other: P S V Co; Trace: Te.	Reportable: Al Fe Co Cu; Controlled: Ni.
FV2131-04	23-147 Smart Phone XT2343-1, Vibra call, Black plastic part				3.50%	PBT	Main: Si S Ca; Other: P Cl K Ti Fe Cu; Trace: V Cr Mn Ni Zn Sr Zr W.	Reportable: Fe Cu Si P;
FV2131-05	23-147 Smart Phone XT2343-1, Vibra call, Copper wire				6.89%		Main: P S Cu; Other: Al Mo; Trace: V Ni.	Reportable: Cu;
FV2131-06	23-147 Smart Phone XT2343-1, Vibra call, Metal part 2				12.04%		Main: P S Ni W; Other: Al Fe Co Cu Zn Mo;	Reportable: Fe Co Cu Zn W; Controlled: Ni.
FV2131-07	23-147 Smart Phone XT2343-1, Vibra call, Small metal rod				0.44%		Main: P S Cr Fe; Other: Al W;	Reportable: Cr Fe W;
FV2131-08	23-147 Smart Phone XT2343-1, Vibra call, Golden insert				1.42%		Main: P S Fe Cu Sn; Other: Al;	Reportable: Fe Cu 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. E Appendix C relevant compounds [1)]
FV2131-09	23-147 Smart Phone XT2343-1, Vibra call, Red rubber ring				0.11%	PUR	Other: Si P S Cl Ca; Trace: Ti Fe.	
FV2131-10	23-147 Smart Phone XT2343-1, Vibra call, Metal part 3				20.35%		Main: P Fe Ni; Other: Al S Mn Co; Trace: V Cr.	Reportable: Al Fe Co; Controlled: Ni.
FV2131-11	23-147 Smart Phone XT2343-1, Vibra call, Clear glue strip				0.11%	PE 80% Acrylic 20%	Other: Si P S Cl Ca; Trace: K Fe Ni.	Reportable: Si;
FV2131-12	23-147 Smart Phone XT2343-1, Vibra call, Flex				0.77%		Main: Al P S Ni Cu; Other: Si Cl K Ca Zr Au; Trace: Ti V Cr Co Zn Ge Nb Mo Sn Sb.	Reportable: Al Co Cu Au Si P; Controlled: Ni.
FV2131-13	23-147 Smart Phone XT2343-1, Vibra call, PWB				2.08%		Main: Si S Ca Ni Cu; Other: Al P Cl K Ti Fe Sr Ba W Au; Trace: Co Ge Zr Nb Ce.	Reportable: Al Fe Co Cu Ba W Au Si P; Controlled: Ni.
FV2132-00	23-147 Smart Phone XT2343-1, Rear camera 2		1.458	0.83%				
FV2132-01	23-147 Smart Phone XT2343-1, Rear camera 2, Metal frame				17.49%		Main: P S Cr Fe Ni Mo; Other: Al V Mn Co Cu;	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FV2132-02	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic frame 1				3.09%	PMMA	Main: Cu; Other: Si P S Cl Ca Ti V Co Sn Ba; Trace: K Fe Zn W.	Reportable: Co Cu Ba Si;
FV2132-03	23-147 Smart Phone XT2343-1, Rear camera 2, Copper glue strip				2.26%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al P S Ti Fe;	Reportable: Fe Cu; Controlled: Ni.
FV2132-04	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic frame 2				3.09%	PMMA	Other: Si P S Cl K Ca Ti Cu Sn Ba; Trace: V Fe Ni.	Reportable: Ba Si;
FV2132-05	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic housing				8.16%	PC	Main: Si; Other: P S Cl K Ca Fe; Trace: Ti Cr Ni Mo.	Reportable: Fe Si P;
FV2132-06	23-147 Smart Phone XT2343-1, Rear camera 2, Magnet				13.51%		Main: Al P S Fe Ni Cu; Other: V Co; Trace: Te.	Reportable: Al 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. E Appendix C relevant compounds [1)]
FV2132-07	23-147 Smart Phone XT2343-1, Rear camera 2, Copper wire				0.89%		Main: P S Cu; Other: Al Ni;	Reportable: Cu;
FV2132-08	23-147 Smart Phone XT2343-1, Rear camera 2, Black metal ring 1				1.65%		Main: P S Cu Zn; Other: Al Bi; Trace: Fe.	Reportable: Cu Zn Bi;
FV2132-09	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic ring 2				0.21%	PC	Other: Si P S Cl Ca; Trace: K Fe Sn.	
FV2132-10	23-147 Smart Phone XT2343-1, Rear camera 2, Black foil rings				0.07%	PET	Other: Si P S Cl Ca; Trace: K Ti Fe.	Reportable: Si;
FV2132-11	23-147 Smart Phone XT2343-1, Rear camera 2, Contacts ring 1				0.96%		Main: P S Ti Ni Cu Sn; Other: Al Mo; Trace: Fe Te.	Reportable: Cu Sn; Controlled: Ni.
FV2132-12	23-147 Smart Phone XT2343-1, Rear camera 2, Contacts ring 2				0.75%		Main: P S Ni Cu Sn; Other: Al Au; Trace: Ag.	Reportable: Cu Sn Au; Controlled: Ni.
FV2132-13	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic part 1				1.17%	PMMA	Other: Si P S Cl K Ca Ti Cu Ba; Trace: V Fe Ni Sn.	Reportable: Cu Ba Si;
FV2132-14	23-147 Smart Phone XT2343-1, Rear camera 2, Blue glue				0.69%	Acrylic	Other: Si P S Cl Ca; Trace: K Ti Fe Sn.	Reportable: Si;
FV2132-15	23-147 Smart Phone XT2343-1, Rear camera 2, Contacts				0.27%		Main: P S Ni Cu Sn; Other: Al Fe Mo; Trace: Co.	Reportable: Fe Co Cu Sn; Controlled: Ni.
FV2132-16	23-147 Smart Phone XT2343-1, Rear camera 2, Blue glass				1.03%		Other: Al Si P S Cl Ca Ti V Cu Zn Ba; Trace: K Fe.	Reportable: Al Cu Ba Si;
FV2132-17	23-147 Smart Phone XT2343-1, Rear camera 2, Lenses				3.91%	PMMA	Main: Si; Other: P S Cl K Ca Ti Fe; Trace: Cr Ni Mo.	Reportable: Fe Si P;
FV2132-18	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic part 2				11.73%	Polyester GF	Main: Si S Ca Ti; Other: P Cl K V Mn Fe Cu Zn Ba; Trace: Ni Sr.	Reportable: Fe Cu Zn Ba Si P;

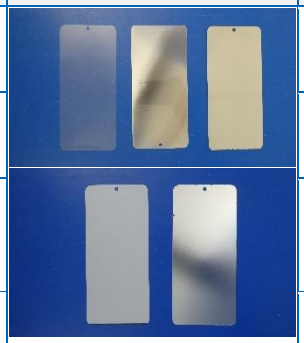
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FV2132-19	23-147 Smart Phone XT2343-1, Rear camera 2, Flex				29.08%		Main: Al Si S Cu; Other: P Cl K Ca Ti Ni Sr Zr Ag Sn Ba W Au; Trace: Co Ge Nb Mo Pd Th.	Reportable: Al Co Cu Ag Sn Ba W Au Si P; Controlled: Ni.
FV2133-00	23-147 Smart Phone XT2343-1, Main PWB		14.815	8.42%				
FV2133-01	23-147 Smart Phone XT2343-1, Main PWB, Black/Copper glue strip				2.36%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al P S; Trace: V Fe.	Reportable: Al Cu; Controlled: Ni.
FV2133-02	23-147 Smart Phone XT2343-1, Main PWB, Metal shielding 1				26.49%		Main: Ni Cu Zn; Other: Al P S Cr Mn Fe Sn; Trace: V Mo Ag.	Reportable: Al Cr Fe Cu Zn Sn; Controlled: Ni.
FV2133-03	23-147 Smart Phone XT2343-1, Main PWB, Metal shielding 2				5.34%		Main: Cr Mn Fe Ni; Other: Al P S Ti V Co Cu; Trace: Mo.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FV2133-04	23-147 Smart Phone XT2343-1, Main PWB, Metal shielding 3				3.21%		Main: Cr Mn Fe Ni; Other: Al P S Ti V Co Cu Mo Sn;	Reportable: Al Cr Fe Co Cu Sn; Controlled: Ni.
FV2133-05	23-147 Smart Phone XT2343-1, Main PWB, Metal shielding 4				1.01%		Main: P S Ni Cu Sn; Other: Al Au; Trace: Fe.	Reportable: Cu Sn Au; Controlled: Ni.
FV2133-06	23-147 Smart Phone XT2343-1, Main PWB, Metal part 1				0.53%		Main: P S Cr Mn Fe Ni; Other: Al V Co Cu W;	Reportable: Cr Fe Co Cu W; Controlled: Ni.
FV2133-07	23-147 Smart Phone XT2343-1, Main PWB, Metal part 2				0.20%		Main: P S Cr Mn Fe Ni; Other: Al V Co Cu W; Trace: Mo Te.	Reportable: Cr Fe Co Cu W; Controlled: Ni.
FV2133-08	23-147 Smart Phone XT2343-1, Main PWB, Black plastic part				0.39%	Polyester GF	Main: Si S Ca; Other: P Cl K Ti Fe Sr; Trace: V Cr Mn Ni Zn Zr Mo Sn.	Reportable: Fe Si P;
FV2133-09	23-147 Smart Phone XT2343-1, Main PWB				58.02%		See x, y – Scan (Chapter 4)	**Controlled**: **Pb**.
FV2133-10	23-147 Smart Phone XT2343-1, Main PWB, White paste				2.44%	Silicone	Main: Al Si; Other: P S Cl Ca Fe; Trace: K Ti V Cr Ni Ga.	Reportable: Al Fe Si P;
FV2133-11	23-147 Smart Phone XT2343-1, Main PWB, Humidity indicator				0.01%	Paper	Other: Si P S Cl Ca Ti; Trace: K Fe Sn 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. E Appendix C relevant compounds [1)]
FV2134-00	23-147 Smart Phone XT2343-1, Top Speaker		0.961	0.55%				
FV2134-01	23-147 Smart Phone XT2343-1, Top Speaker, Metal frame 1				13.11%		Main: Cr Mn Fe Ni Mo; Other: Al P S Ti V Co Cu W; Trace: As Sn.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FV2134-02	23-147 Smart Phone XT2343-1, Top Speaker, Metal plate 1				21.64%		Main: P Fe Ni; Other: Al S Cr Mn Co; Trace: V Cu Zn.	Reportable: Al Cr Fe Co; Controlled: Ni.
FV2134-03	23-147 Smart Phone XT2343-1, Top Speaker, Black net 1				0.10%	PET	Other: Si P S Cl Ca Ti; Trace: K Fe Sn.	
FV2134-04	23-147 Smart Phone XT2343-1, Top Speaker, Black nets 2				0.10%	PET 80% Acrylic 20%	Other: Si P S Cl Ca Ti; Trace: K Fe Sn.	
FV2134-05	23-147 Smart Phone XT2343-1, Top Speaker, Membrane				0.94%	PPS/PC	Main: Al; Other: Si P S Cl Ca Fe; Trace: K Ti Cu.	Reportable: Al Fe Si;
FV2134-06	23-147 Smart Phone XT2343-1, Top Speaker, Black plastic part 1				3.95%	PMMA	Main: Si S Ca; Other: P Cl K Ti Fe; Trace: V Cr Mn Ni Zn Sr Zr.	Reportable: Fe Si P;
FV2134-07	23-147 Smart Phone XT2343-1, Top Speaker, Magnet 1				19.56%		Main: P S Fe Zn; Other: Al V Cr Co Mo Te;	Reportable: Al Cr** Fe Co Zn Te;
FV2134-08	23-147 Smart Phone XT2343-1, Top Speaker, Metal plate 2				6.66%		Main: P S Fe Ni; Other: Al Mn Co; Trace: Cr Cu.	Reportable: Al Fe Co; Controlled: Ni.
FV2134-09	23-147 Smart Phone XT2343-1, Top Speaker, Magnets 2				18.21%		Main: P S Fe Zn; Other: Al V Co; Trace: Cr.	Reportable: Al Fe Co Zn;
FV2134-10	23-147 Smart Phone XT2343-1, Top Speaker, Black shock pad				0.62%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca; Trace: K Fe.	Reportable: Al Si;
FV2134-11	23-147 Smart Phone XT2343-1, Top Speaker, Metal frame 2				9.57%		Main: P S Fe Ni; Other: Al Mn Co Cu; Trace: Cr.	Reportable: Fe Co Cu; Controlled: Ni.
FV2134-12	23-147 Smart Phone XT2343-1, Top Speaker, Black plastic part 2				0.10%	PAI 80% Acrylic 20%	Other: Si P S Cl Ca; Trace: K Fe 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. E Appendix C relevant compounds [1)]
FV2134-13	23-147 Smart Phone XT2343-1, Top Speaker, Blue glue				0.10%	Acrylic	Other: Si P S Cl Ca; Trace: K Fe Sn.	Reportable: Si;
FV2134-14	23-147 Smart Phone XT2343-1, Top Speaker, Clear glue strip				0.10%	PET 80% Acrylic 20%	Other: Si P S Cl Ca; Trace: K Fe Sn.	
FV2134-15	23-147 Smart Phone XT2343-1, Top Speaker, Flex				5.20%		Main: Al Si S Cu; Other: P Cl K Ca Co Ni Zr Ag Sn; Trace: Ti Cr Fe Zn Nb Mo W.	Reportable: Al Co Cu Ag Sn Si P;
FV2135-00	23-147 Smart Phone XT2343-1, Connection flex		0.556	0.32%			Main: Al P Cr Fe Ni Cu; Other: Si S Cl K Ca Mn Co Zn Zr Mo Ag; Trace: V Sr Nb Sn I Ba.	Reportable: Al Cr Fe Co Cu Zn Ag Si P; Controlled: Ni.
FV2136-00	23-147 Smart Phone XT2343-1, Volume button flex		0.168	0.10%				
FV2136-01	23-147 Smart Phone XT2343-1, Volume button flex				98.21%		Main: Al P Cr Fe Ni Cu; Other: Si S Cl K Ca V Mn Co Zn Zr Ag Sn Au; Trace: Ti Ga Ge Nb I Ba Th.	Reportable: Al Cr Fe Co Cu Ag Sn Au Si P; Controlled: Ni.
FV2136-02	23-147 Smart Phone XT2343-1, Volume button flex, Black glue				1.79%	Acrylic	Other: Si P S Cl Ca Co Ni Cu; Trace: K Ti Cr Fe Sn W.	Reportable: Co Cu; Controlled: Ni.
FV2137-00	23-147 Smart Phone XT2343-1, Display connection flex		0.777	0.44%				
FV2137-01	23-147 Smart Phone XT2343-1, Display connection flex, Green glue strip 1				1.03%	PET 80% Silicone 20%	Main: Si; Other: P S Cl Ca; Trace: K Ti Fe Cu Sn.	Reportable: Si;
FV2137-02	23-147 Smart Phone XT2343-1, Display connection flex, Green glue strip 2				0.26%	PET 80% Silicone 20%	Main: Si; Other: P S Cl Ca Sn; Trace: K Fe.	Reportable: Si;
FV2137-03	23-147 Smart Phone XT2343-1, Display connection flex, Black glue strip				1.16%	Acrylic	Other: Si P S Cl Ca Ti; Trace: K V Fe Ni 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. E Appendix C relevant compounds [1)]
FV2137-04	23-147 Smart Phone XT2343-1, Display connection flex, LED flex				8.24%		Main: Al Si P Ti Cu; Other: S Cl K Ca Ni Zr Ag Sn Au; Trace: Cr Mn Zn Rb Nb Mo Cs Ba La Ce.	Reportable: Al Cu Ag Sn Au Si P; Controlled: Ni.
FV2137-05	23-147 Smart Phone XT2343-1, Display connection flex				89.32%		Main: Al Si Ti Ni Cu; Other: P S Cl K Ca Fe Zn Zr Sn Ba; Trace: Cr Ga Rb Nb Ag I. See x, y – Scan (Chapter 4)	Reportable: Al Fe Cu Zn Sn Ba Si; **Controlled**: Ni **Pb**.
FV2138-00	23-147 Smart Phone XT2343-1, Battery		62.137	35.33%				
FV2138-01	23-147 Smart Phone XT2343-1, Battery, Flex				0.87%		Main: Al Si P Ti Cr Fe Cu; Other: S Cl K Ca Mn Co Ni Sr Zr Ag Sn Ba W; Trace: Zn Ga Ge Rb Nb Mo Ce Th. See x, y – Scan (Chapter 4)	Reportable: Al Cr Fe Co Cu Ag Sn Ba W Si P; **Controlled**: Ni **Pb**.
FV2138-02	23-147 Smart Phone XT2343-1, Battery, Black glue strip 1				0.09%	PAI 80% Acrylic 20%	Other: Si P S Cl Ca; Trace: K Fe Sn.	Reportable: Si;
FV2138-03	23-147 Smart Phone XT2343-1, Battery, Black glue strip 2				0.09%	Silicone 60% PET 20% Acrylic 20%	Main: Si; Other: P S Cl K Ca Ti Fe Zn; Trace: Mn Ni.	Reportable: Fe Zn Si P;
FV2138-04	23-147 Smart Phone XT2343-1, Battery, Yellow glue strips				0.33%	PAI 80% Acrylic 20%	Main: Si; Other: P S Cl K Ca Fe; Trace: Ti Cr Mn Ni Zn.	Reportable: Fe Si P;
FV2138-05	23-147 Smart Phone XT2343-1, Battery, White glue strip				0.03%	PET 80% Acrylic 20%	Main: Si Ti; Other: P S Cl K Ca V Fe; Trace: Mn Ni Zn.	Reportable: Fe Si P;
FV2138-06	23-147 Smart Phone XT2343-1, Battery, Outer cover				3.71%	Metal 70% PA 15% PP 15%	Main: Al P S Fe; Other: Ti V Cr Mn Cu Ga Mo W; Trace: Te.	Reportable: Al Cr Fe Cu W;
FV2138-07	23-147 Smart Phone XT2343-1, Battery, White foil				6.58%	PE	Main: Al; Other: Si P S Cl K Ca Co; Trace: Fe Sn.	Reportable: Al 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. E Appendix C relevant compounds [1)]
FV2138-08	23-147 Smart Phone XT2343-1, Battery, Silver foil				8.46%		Main: Al P Co; Other: S Ti V Fe Cu Zr; Trace: Mn Ga.	Reportable: Al Fe Co Cu;
FV2138-09	23-147 Smart Phone XT2343-1, Battery, Copper foil				10.34%		Main: Cu; Other: Al P S Cr Ni; Trace: V Fe.	Reportable: Al Cr Cu; Controlled: Ni.
FV2138-10	23-147 Smart Phone XT2343-1, Battery, Green glue strip 1				0.14%	PET 80% Acrylic 20%	Main: Co; Other: Al Si P S Cl K Ca Ti Ni Zn; Trace: Fe Cu Zr.	Reportable: Al Co Zn; Controlled: Ni.
FV2138-11	23-147 Smart Phone XT2343-1, Battery, Green glue strip 2				0.17%	PET 80% Acrylic 20%	Main: Ti Co Ni; Other: Al Si P S Cl K Ca Cr Fe Zn W; Trace: Mn Zr Mo Ba U.	Reportable: Al Cr Fe Co Zn W Si P; Controlled: Ni.
FV2138-12	23-147 Smart Phone XT2343-1, Battery, Blue glue strip				0.09%	PET 80% SB 20%	Main: Si S; Other: P Cl K Ca Ti Fe Co Cu; Trace: Mn Ni Zn Mo.	Reportable: Fe Co Cu Si P;
FV2138-13	23-147 Smart Phone XT2343-1, Battery, Green glue strip 3				0.06%	PET 80% SB 20%	Other: Al Si P S Cl Ca Ti Co; Trace: K Fe Ni Cu Y.	Reportable: Al Co;
FV2138-14	23-147 Smart Phone XT2343-1, Battery, Green glue strip 4				0.07%	PET 80% Acrylic 20%	Main: Si P S Ti Co Ni Zn; Other: Al Cl K Ca V Cr Fe Cu W; Trace: Mn Zr Mo.	Reportable: Al Cr Fe Co Cu Zn W Si P; Controlled: Ni.
FV2138-15	23-147 Smart Phone XT2343-1, Battery, Contact 1				0.11%		Main: Al P S Fe; Other: V Cr Co Cu Ga; Trace: W.	Reportable: Al Cr Fe Co;
FV2138-16	23-147 Smart Phone XT2343-1, Battery, Contact 2				0.25%		Main: P Ni Cu; Other: Al S Ti Cr Fe Co Zr;	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FV2138-17	23-147 Smart Phone XT2343-1, Battery, Carbon coating				68.62%		Main: Co; Other: Al Si P S Cl K Ca Fe Cu Ba Pr Nd Yb; Trace: Ti V Ni Zr Sn Te I Cs La Ce.	Reportable: Al Fe Co Ba Pr Nd 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. E Appendix C relevant compounds [1)]
FV2139-00	23-147 Smart Phone XT2343-1, Display foil assembly		8.430	4.79%				
FV2139-01	23-147 Smart Phone XT2343-1, Display foil assembly, Diffuser plate				51.15%	PC	Other: Si P S Cl K Ca Fe; Trace: Ti Cr Mn Ni Mo.	Reportable: Fe Si P;
FV2139-02	23-147 Smart Phone XT2343-1, Display foil assembly, Polarization foil 1				11.09%	PET 80% PMMA 20%	Main: Si Zr; Other: Al P S Cl K Ca Fe; Trace: Ti Ni Cu Sr Nb Er U.	Reportable: Al Fe Si P;
FV2139-03	23-147 Smart Phone XT2343-1, Display foil assembly, Reflection foil				13.50%	PET	Other: Si P S Cl K Ca Fe Ag; Trace: Ti Mn Ni Sb.	Reportable: Fe Ag Si P;
FV2139-04	23-147 Smart Phone XT2343-1, Display foil assembly, Diffuser foil				8.37%	PMMA	Main: Si S Ti; Other: P Cl K Ca V Fe; Trace: Mn Ni Zr Mo.	Reportable: Fe Si P;
FV2139-05	23-147 Smart Phone XT2343-1, Display foil assembly, Polarization foil 2				15.88%	PMMA	Main: Zr; Other: Al Si P S Cl K Ca Fe; Trace: Ti Ni Cu Sr Nb Ba.	Reportable: Al Fe Si P;
FV2140-00	23-147 Smart Phone XT2343-1, Display metal plate		8.296	4.72%				
FV2140-01	23-147 Smart Phone XT2343-1, Display metal plate				98.38%		Main: Cr Mn Fe Ni; Other: Al P S Ti V Co Cu; Trace: Mo W.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FV2140-02	23-147 Smart Phone XT2343-1, Display metal plate, Gray plastic part				1.62%	PC	Main: Si Ti; Other: P S Cl K Ca V Fe; Trace: Mn Ni Zn Mo.	Reportable: Fe Si P;
FV2141-00	23-147 Smart Phone XT2343-1, Front glass		27.425	15.59%				
FV2141-01	23-147 Smart Phone XT2343-1, Front glass				96.44%		Main: Al Si K; Other: P S Cl Ca Ti Sr Zr Ag I Ba; Trace: Fe Ga In Sn U.	Reportable: Al Ag Ba Si;
FV2141-02	23-147 Smart Phone XT2343-1, Front glass, Back foil				3.56%	Cellulose Polyester	Main: Si; Other: P S Cl K Ca Ti Fe I Ba; Trace: V Mn Ni Cu Zn.	Reportable: Fe Ba 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. E Appendix C relevant compounds [1]
FV2142-00	23-147 Smart Phone XT2343-1, Metal housing		22.223	12.64%				
FV2142-01	23-147 Smart Phone XT2343-1, Metal housing				80.68%		Main: Al P S Mn Fe Cu Zn; Other: Ti V Cr Ni Ga Zr;	Reportable: Al Cr** Fe Cu Zn;
FV2142-02	23-147 Smart Phone XT2343-1, Metal housing, Black plastic part				18.93%	PET	Main: Si Ca; Other: P S Cl K Ti Fe; Trace: Cr Mn Ni Sr Zr Mo Ba.	Reportable: Fe Si P;
FV2142-03	23-147 Smart Phone XT2343-1, Metal housing, Golden screw inserts				0.39%		Main: P S Cu Zn Pb; Other: Al Fe Ni;	Reportable: Fe Cu Zn; **Controlled**: Ni **Pb**.

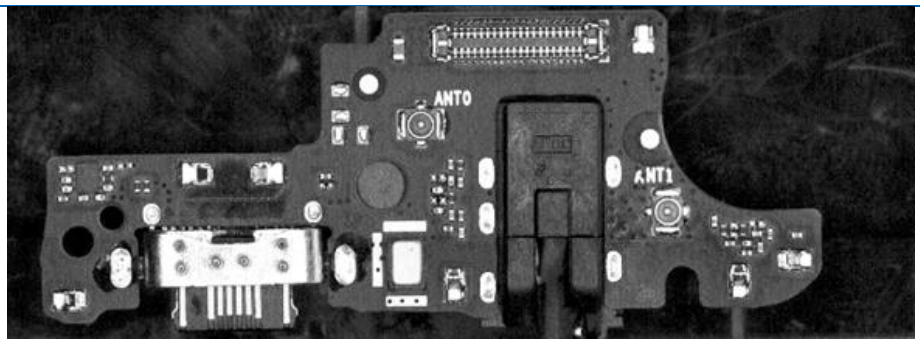
[1] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Cd, Cr and Pb are also REACH relevant substances
[2] The concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials 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

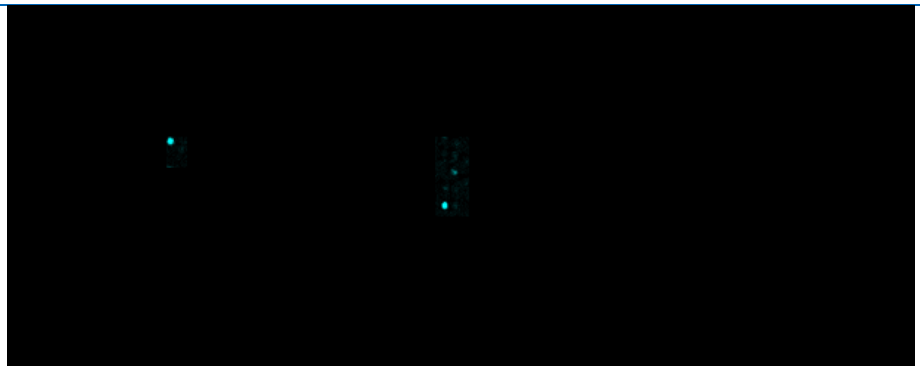
Results x,y Scan Sample FV2130-04 Top



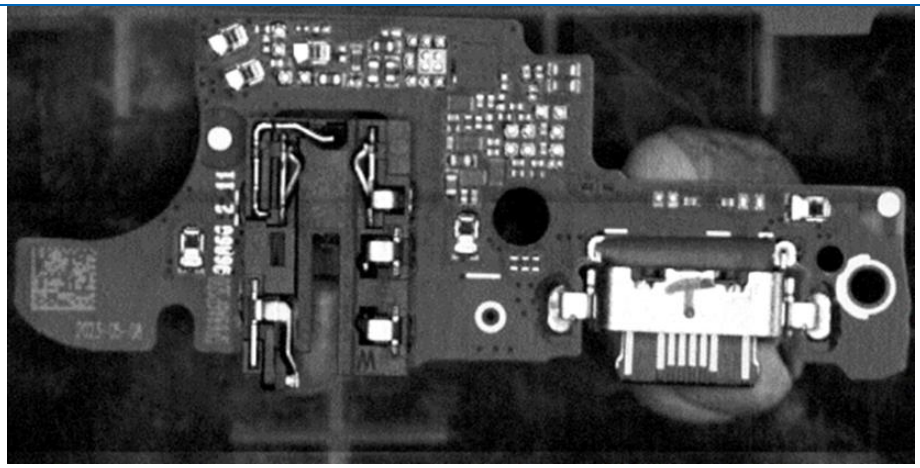
Bromine

Not detected

Lead

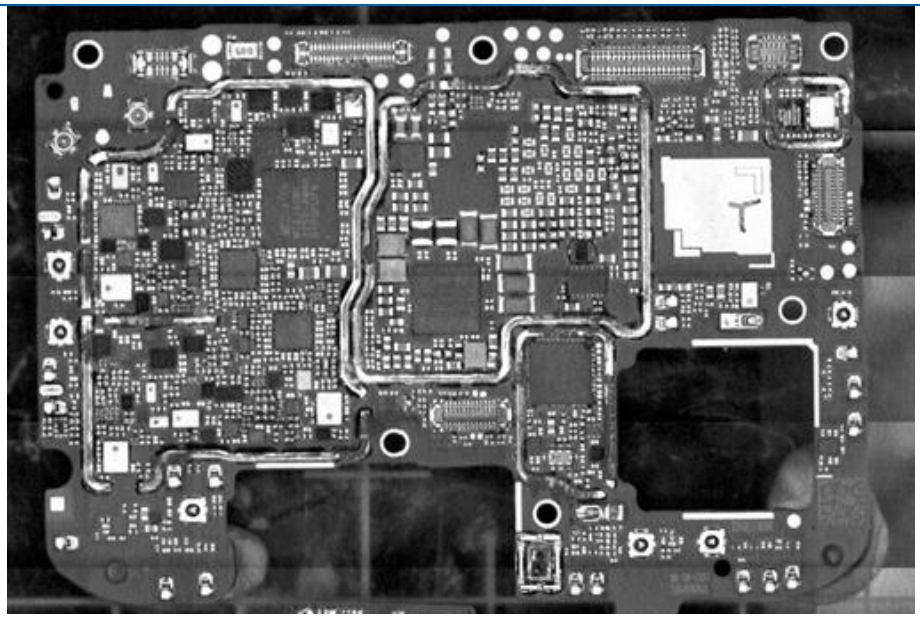


Results x,y Scan Sample FV2130-04 Bottom



Bromine
Not detected
Lead

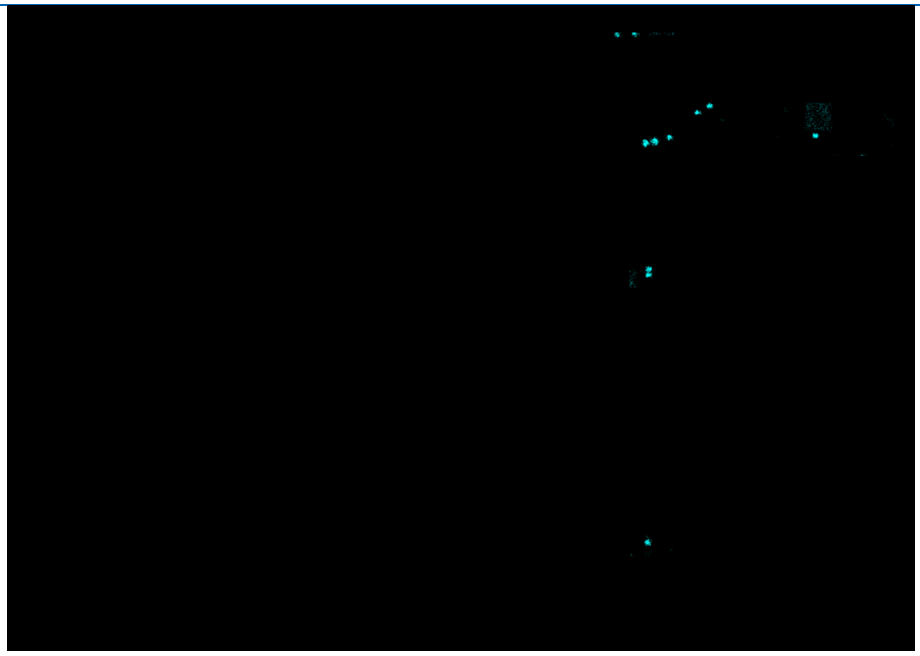
Results x,y Scan Sample FV2133-09 Top



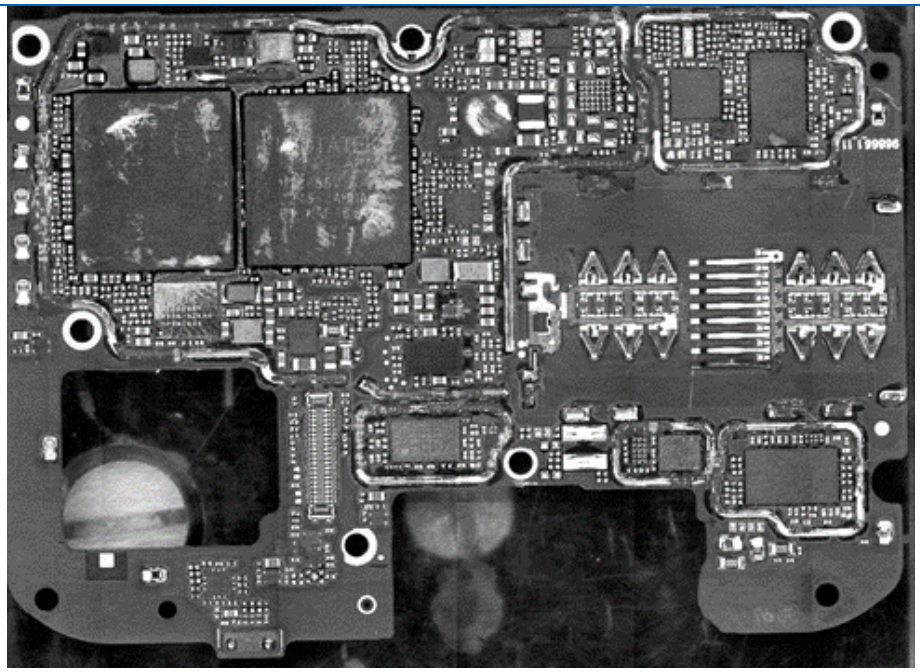
Bromine

Not detected

Lead



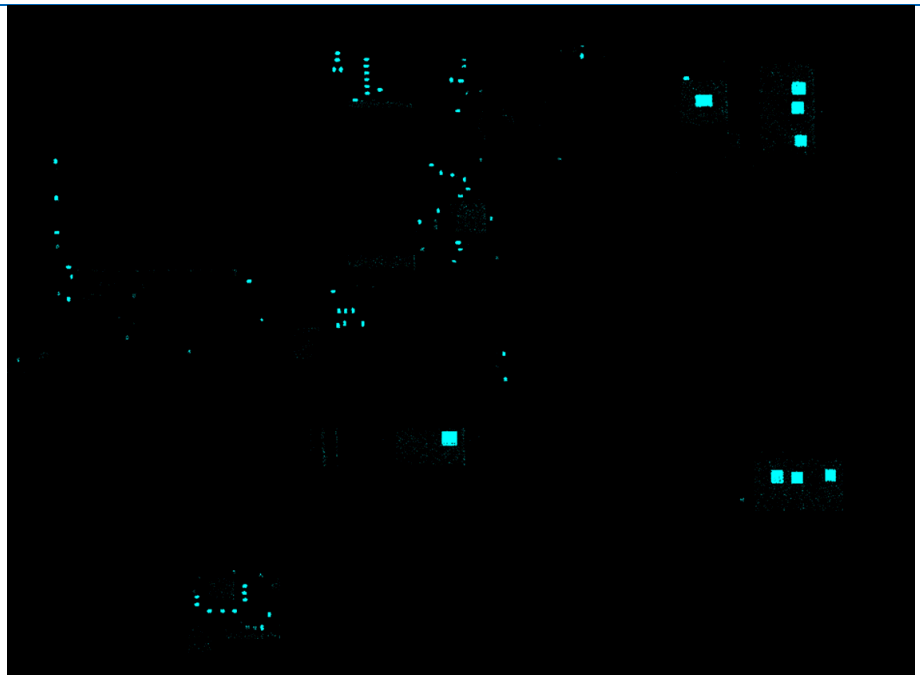
Results x,y Scan Sample FV2133-09 Bottom



Bromine

Not detected

Lead



Results x,y Scan Sample FV2137-05 Top

Bromine
Not detected
Lead

Results x,y Scan Sample FV2138-01 Top

Bromine
Not detected
Lead

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 17th, 2023, Annex XIV List dated April 08th, 2022 and Annex XVII List dated December 15th, 2021.

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.

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1)] (% w/w)	Substance concentration in article[2)] (% w/w)	SVHC > 0.1% Reporting required?[2)] (Y/N/Risk)
Smart Phone XT2343-1	FW1766	4-tert-butylphenol[4)]	-	-	0.004	< 0.001	**N**
	FW1767	-	-	Diisocyanates (Entry 74)	0.029	< 0.001	**N/A**
	FW1768	-	-	Diisocyanates (Entry 74)	0.047	< 0.001	**N/A**
	FW1769	-	-	Diisocyanates (Entry 74)	0.094	0.001	**N/A**
	FW1770	-	-	Diisocyanates (Entry 74)	0.077	< 0.001	**N/A**
	FW1771	-	-	Diisocyanates (Entry 74)	0.081	< 0.001	**N/A**
	FW1772	-	-	-	-	-	**N**
	FW1773	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.009	< 0.001	**N**
		-	-	Diisocyanates (Entry 74)	0.111	< 0.001	**N/A**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1] (% w/w)	Substance concentration in article[2] (% w/w)	SVHC > 0.1% Reporting required?[2] (Y/N/Risk)
Smart Phone XT2343-1	FW1774	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.007	< 0.001	**N**
		-	-	Diisocyanates (Entry 74)	0.004	< 0.001	**N/A**
	FW1775	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.009	< 0.001	**N**
		-	-	Diisocyanates (Entry 74)	0.043	< 0.001	**N/A**
	FW1776	-	-	-	-	-	**N**
	FW1777	-	-	Diisocyanates (Entry 74)	0.020	< 0.001	**N/A**
	FW1778	4-tert-butylphenol[4]	-	-	0.004	< 0.001	**N**
		-	-	Diisocyanates (Entry 74)	0.001	< 0.001	**N/A**
	FW1779	4-tert-butylphenol[4]	-	-	0.011	< 0.001	**N**
	FW1780	4-tert-butylphenol[4]	-	-	0.003	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1] (% w/w)	Substance concentration in article[2] (% w/w)	SVHC > 0.1% Reporting required?[2] (Y/N/Risk)
Smart Phone XT2343-1	FW1781	-	-	Diisocyanates (Entry 74)	0.009	< 0.001	**N/A**
	FW1782	1,3-Propanesultone	-	1,3-Propanesultone (Entry 28)	0.310	< 0.001	**N[3]**
		-	-	Diisocyanates (Entry 74)	0.003	< 0.001	**N/A**
	FW1783	1,3-Propanesultone	-	1,3-Propanesultone (Entry 28)	0.376	< 0.001	**N[3]**
	FW1784	1,3-Propanesultone	-	1,3-Propanesultone (Entry 28)	0.788	< 0.001	**N[3]**
	FW1785	-	-	-	-	-	**N**
	FW1786	-	-	-	-	-	**N**
	FW1787	4-tert-butylphenol[4]	-	-	0.032	0.002	**N**
		-	-	Diisocyanates (Entry 74)	0.001	< 0.001	**N/A**
	FW1788	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.002	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1] (% w/w)	Substance concentration in article[2] (% w/w)	SVHC > 0.1% Reporting required?[2] (Y/N/Risk)
Smart Phone XT2343-1	FW1789	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.003	< 0.001	**N**
	FW1789	-	-	Diisocyanates (Entry 74)	0.003	< 0.001	**N/A**

[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
NA: Not applicable

5.2 List of SVHC and Annex XIV substances

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)	Melamine
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) [6)]	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[6)]	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	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-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)[1)]	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. 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	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	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)*	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

75. (a) substances classified as any of the following in Part 3 of Annex VI to Regulation (EC) No 1272/2008 [1)] (b) substances listed in Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council [1)] (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. [1)]	**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) [1)]	**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 [1) 6)]
69. Methanol [1)]	**70.** Octamethylcyclotetrasiloxane (D4) [1)] Decamethylcyclopentasiloxane (D5) [1)]
67. Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) [8) 9)]	**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 [1)]	**66.** 4,4'-isopropylidenediphenol (Bisphenol A) [1)]
63. Lead and its compounds [1) 3)]	**64.** 1,4-Dichlorobenzene [1)]
61. Dimethylfumarate (DMF)	**62.** Phenylmercury neodecanoate[3)] Phenylmercury octanoate[3)] Phenylmercury propionate[3)] Phenylmercury acetate[3)] Phenylmercury 2-ethylhexanoate[3)]
59. Dichloromethane [1)]	**60.** Acrylamide [1)]
57. Cyclohexane	**58.** Ammonium nitrate (AN) [1)]
55. 2-(2-butoxyethoxy)ethanol (DEGBE)[1)]	**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) [1)] (b) Di-'isodecyl' phthalate (DIDP) [1)] (c) Di-n-octyl phthalate (DNOP) [1)] (d) 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich [1)] (e) 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich [1)]	**54.** 2-(2-methoxyethoxy)ethanol (DEGME)
50. Polycyclic-aromatic hydrocarbons (PAH) [8)] (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) (g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAhA)	**51.** (a) Bis (2-ethylhexyl) phthalate (DEHP) [1)] (b) Dibutyl phthalate (DBP) [1)] (c) Benzyl butyl phthalate (BBP) [1)]

48. Toluene	**49.** Trichlorobenzene
46. (a) Nonylphenol [1) 6)] (b) Nonylphenol ethoxylates [1) 6)]	**47.** Chromium VI compounds [1)]
43. Azocolourants and Azodyes [1) 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.[1)]	**41.** Hexachloroethane[1)]
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 [1)] (b) Creosote oil; wash oil [1)] (c) Distillates (coal tar), naphthalene oils; naphthalene oil [1)] (d) Creosote oil, acenaphthene fraction; wash oil [1)] (e) Distillates (coal tar), upper; heavy anthracene oil [1)] (f) Anthracene oil [1)] (g) Tar acids, coal, crude; crude phenols [1)] (h) Creosote, wood [1)] (i) Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline [1)]
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 [2) 3)]	**27.** Nickel and ist compounds[3) 8)]
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 [2) 3)]	**25.** Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 [2) 3)]
22. Pentachlorophenol and its salts and esters [3) 9)]	**23.** Cadmium and its compounds [3)]
20. Organostannic compounds [3) 8)]	**21.** Di-µ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate $C_8H_{19}BO_3Sn$ (DBB) [3) 8)]
18a. Mercury [1) 3)]	**19.** Arsenic compounds [1) 3)]
17. Lead sulphates [3)]: (a) $PbSO_4$ (b) Pb_xSO_4	**18.** Mercury compounds [1) 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[1)]: (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 [1)] (b) Powder of the roots of Helleborus viridis and Helleborus niger [1)] (c) Powder of the roots of Veratrum album and Veratrum nigrum [1)] (d) Benzidine and/or its derivatives [1)]	**10.** (a) Ammonium sulphide [1)] (b) Ammonium hydrogen sulphide [1)] (c) Ammonium polysulphide [1)]

(e) o-Nitrobenzaldehyde C [1)] (f) Wood powder [1)]	
7. Tris(aziridinyl)phosphinoxide [1) 6)]	**8.** Polybromobiphenyls; Polybrominatedbiphenyls (PBB)[1) 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 1999/45/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[1)]	**4.** Tris (2,3 dibromopropyl) phosphate [1) 6)]
1. Polychlorinated terphenyls (PCTs)[3) 7)]	**2.** Chloroethene (vinyl chloride)[1)]

[1)] N/A the restriction does not apply to this article
[2)] Not tested
[3)] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.
[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
[7)] Selected substances were evaluated as representatives
[8)] See Chapter " Global Compliance Acceptance Criteria (banned and controlled Substances)"
[9)] 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*	FW1766
Benz[a]anthracene (mg/kg)	ND
Chrysene (mg/kg)	ND
Benzo[b]fluoranthene (mg/kg)	ND
Benzo[k]fluoranthene (mg/kg)	ND
Benzo[j]fluoranthene (mg/kg)	ND
Benzo[e]pyrene (mg/kg)	ND
Benzo[a]pyrene (mg/kg)	ND
Dibenz[a,h]anthracene (mg/kg)	ND
1907/2006/EG Anhang XVII Nr. 50 (REACH) ***1907/2006/EC REACH Annex XVII Entry 50***	**Pass**

ND: Not detected
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]
23-147 Smart Phone XT2343-1	175.86	6.90	FW1766	FV2113-00	23-147 Smart Phone XT2343-1, Backside cover	3.92%	6.90

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	1.35	FW1767	FV2100-05	23-147 Smart Phone XT2343-1, Black glue strips 5	0.10%	0.17
				FV2100-06	23-147 Smart Phone XT2343-1, Black glue strips 6	0.67%	1.18

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.11	FW1768	FV2100-02	23-147 Smart Phone XT2343-1, Black glue strips 2	0.01%	0.02
				FV2100-08	23-147 Smart Phone XT2343-1, Black glue strips 8	0.04%	0.06
				FV2100-09	23-147 Smart Phone XT2343-1, Black glue strips 9	0.01%	0.02

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	1.15	FW1769	FV2099-01	23-147 Smart Phone XT2343-1, Black shock pad 1	0.63%	1.11
				FV2099-11	23-147 Smart Phone XT2343-1, Black shock pad 11	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]
23-147 Smart Phone XT2343-1	175.86	0.11	FW1770	FV2099-05	23-147 Smart Phone XT2343-1, Black shock pad 5	0.02%	0.03
				FV2099-12	23-147 Smart Phone XT2343-1, Black shock pad 12	0.02%	0.03
				FV2105-05	23-147 Smart Phone XT2343-1, Metallic shock pads 5	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]
23-147 Smart Phone XT2343-1	175.86	0.08	FW1771	FV2099-03	23-147 Smart Phone XT2343-1, Black shock pad 3	0.02%	0.03
				FV2099-04	23-147 Smart Phone XT2343-1, Black shock pad 4	0.01%	0.03
				FV2099-10	23-147 Smart Phone XT2343-1, Black shock pad 10	0.01%	0.03

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.58	FW1772	FV2110-00	23-147 Smart Phone XT2343-1, White paste	0.12%	0.21
				FV2133-10	23-147 Smart Phone XT2343-1, Main PWB, White paste	0.21%	0.36

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.25	FW1773	FV2106-03	23-147 Smart Phone XT2343-1, Clear glue strips 2	0.13%	0.23
				FV2122-02	23-147 Smart Phone XT2343-1, Volume buttons, Orange rubber seal	0.01%	0.02

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.25	FW1774	FV2124-02	23-147 Smart Phone XT2343-1, Power button flex, Black rubber part	0.02%	0.03
				FV2130-01	23-147 Smart Phone XT2343-1, Lightning jack PWB, Black rubber part 1	0.05%	0.09
				FV2130-02	23-147 Smart Phone XT2343-1, Lightning jack PWB, Black rubber part 2	0.07%	0.13

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.41	FW1775	FV2101-01	23-147 Smart Phone XT2343-1, Black glue pads 1	0.15%	0.27
				FV2101-02	23-147 Smart Phone XT2343-1, Black glue pads 2	0.04%	0.06
				FV2101-03	23-147 Smart Phone XT2343-1, Black glue pads 3	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]
23-147 Smart Phone XT2343-1	175.86	0.09	FW1776	FV2128-03	23-147 Smart Phone XT2343-1, Black connection cable, White cable jacket	0.02%	0.04
				FV2129-03	23-147 Smart Phone XT2343-1, White connection cable, White cable jacket 2	0.03%	0.04

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.08	FW1777	FV2127-05	23-147 Smart Phone XT2343-1, Bottom speaker, Membrane	0.02%	0.03
				FV2128-01	23-147 Smart Phone XT2343-1, Black connection cable, Black cable jacket	0.01%	0.02
				FV2129-01	23-147 Smart Phone XT2343-1, White connection cable, White cable jacket 1	0.02%	0.03

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	12.27	FW1778	FV2098-03	23-147 Smart Phone XT2343-1, SIM Card holder, Black plastic part	0.08%	0.15
				FV2108-01	23-147 Smart Phone XT2343-1, Black plastic part	0.04%	0.08
				FV2123-00	23-147 Smart Phone XT2343-1, Black plastic frame	4.24%	7.45
				FV2131-04	23-147 Smart Phone XT2343-1, Vibra call, Black plastic part	0.02%	0.03
				FV2132-02	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic frame 1	0.03%	0.05
				FV2132-04	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic frame 2	0.03%	0.05
				FV2132-18	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic part 2	0.10%	0.17
				FV2133-08	23-147 Smart Phone XT2343-1, Main PWB, Black plastic part	0.03%	0.06
				FV2134-06	23-147 Smart Phone XT2343-1, Top Speaker, Black plastic part 1	0.02%	0.04
				FV2142-02	23-147 Smart Phone XT2343-1, Metal housing, Black plastic part	2.39%	4.21

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.98	FW1779	FV2125-02	23-147 Smart Phone XT2343-1, Rear camera 1, Black plastic housing	0.04%	0.06
				FV2126-01	23-147 Smart Phone XT2343-1, Front camera, Black plastic housing	0.05%	0.08
				FV2127-01	23-147 Smart Phone XT2343-1, Bottom speaker, Black plastic housing	0.41%	0.72
				FV2132-05	23-147 Smart Phone XT2343-1, Rear camera 2, Black plastic housing	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]
23-147 Smart Phone XT2343-1	175.86	1.28	FW1780	FV2114-00	23-147 Smart Phone XT2343-1, Light guide	0.02%	0.03
				FV2122-01	23-147 Smart Phone XT2343-1, Volume buttons	0.03%	0.05
				FV2126-04	23-147 Smart Phone XT2343-1, Front camera, Lenses	0.02%	0.03
				FV2132-17	23-147 Smart Phone XT2343-1, Rear camera 2, Lenses	0.03%	0.06
				FV2140-02	23-147 Smart Phone XT2343-1, Display metal plate, Gray plastic part	0.08%	0.13
				FV2141-02	23-147 Smart Phone XT2343-1, Front glass, Back foil	0.55%	0.98

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.11	FW1781	FV2138-02	23-147 Smart Phone XT2343-1, Battery, Black glue strip 1	0.03%	0.06
				FV2138-03	23-147 Smart Phone XT2343-1, Battery, Black glue strip 2	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]
23-147 Smart Phone XT2343-1	175.86	0.28	FW1782	FV2138-04	23-147 Smart Phone XT2343-1, Battery, Yellow glue strips	0.11%	0.20
				FV2138-05	23-147 Smart Phone XT2343-1, Battery, White glue strip	0.01%	0.02
				FV2138-12	23-147 Smart Phone XT2343-1, Battery, 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]
23-147 Smart Phone XT2343-1	175.86	0.20	FW1783	FV2138-10	23-147 Smart Phone XT2343-1, Battery, Green glue strip 1	0.05%	0.09
				FV2138-11	23-147 Smart Phone XT2343-1, Battery, Green glue strip 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]
23-147 Smart Phone XT2343-1	175.86	0.08	FW1784	FV2138-13	23-147 Smart Phone XT2343-1, Battery, Green glue strip 3	0.02%	0.04
				FV2138-14	23-147 Smart Phone XT2343-1, Battery, Green glue strip 4	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]
23-147 Smart Phone XT2343-1	175.86	4.09	FW1785	FV2138-07	23-147 Smart Phone XT2343-1, Battery, White foil	2.33%	4.09

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	42.64	FW1786	FV2138-17	23-147 Smart Phone XT2343-1, Battery, Carbon coating	24.24%	42.64

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	8.43	FW1787	FV2139-01	23-147 Smart Phone XT2343-1, Display foil assembly, Diffuser plate	2.45%	4.31
				FV2139-02	23-147 Smart Phone XT2343-1, Display foil assembly, Polarization foil 1	0.53%	0.94
				FV2139-03	23-147 Smart Phone XT2343-1, Display foil assembly, Reflection foil	0.65%	1.14
				FV2139-04	23-147 Smart Phone XT2343-1, Display foil assembly, Diffuser foil	0.40%	0.71
				FV2139-05	23-147 Smart Phone XT2343-1, Display foil assembly, Polarization foil 2	0.76%	1.34

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	12.46	FW1788	FV2124-01	23-147 Smart Phone XT2343-1, Power button flex	0.14%	0.25
				FV2130-04	23-147 Smart Phone XT2343-1, Lightning jack PWB,	0.71%	1.24
				FV2132-19	23-147 Smart Phone XT2343-1, Rear camera 2, Flex	0.24%	0.42
				FV2133-09	23-147 Smart Phone XT2343-1, Main PWB	4.89%	8.60
				FV2135-00	23-147 Smart Phone XT2343-1, Connection flex	0.32%	0.56
				FV2136-01	23-147 Smart Phone XT2343-1, Volume button flex	0.09%	0.17
				FV2137-05	23-147 Smart Phone XT2343-1, Display connection flex	0.39%	0.69
				FV2138-01	23-147 Smart Phone XT2343-1, Battery, Flex	0.31%	0.54

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
23-147 Smart Phone XT2343-1	175.86	0.55	FW1789	FV2121-00	23-147 Smart Phone XT2343-1, Flashlight PWB	0.05%	0.09
				FV2125-06	23-147 Smart Phone XT2343-1, Rear camera 1, Flex	0.08%	0.14
				FV2126-06	23-147 Smart Phone XT2343-1, Front camera, Flex	0.07%	0.12
				FV2127-11	23-147 Smart Phone XT2343-1, Bottom speaker, Flex	0.03%	0.06
				FV2131-12	23-147 Smart Phone XT2343-1, Vibra call, Flex	0.00%	0.01
				FV2131-13	23-147 Smart Phone XT2343-1, Vibra call, PWB	0.01%	0.02
				FV2134-15	23-147 Smart Phone XT2343-1, Top Speaker, Flex	0.03%	0.05
				FV2137-04	23-147 Smart Phone XT2343-1, Display connection flex, LED flex	0.04%	0.06

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