VDE Prüfbericht / *VDE Test Report*

Prüfbericht Nr. *Report No.*	318359-TL7-1
VDE-Aktenzeichen *VDE File No.*	5022428-9021-0107/318359
Ausstellungsdatum *Date of issue*	2024-05-13
Labor *Laboratory*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Adresse *Address*	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüfort / Adresse *Testing location/ address*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Auftraggeber *Applicant's name*	Motorola Mobility LLC
Auftraggeber Adresse *Applicant's address*	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA
Angewandte Norm(en) *Applied standard(s)*	Motorola W18 V6
	2011/65/EU & 2015/863/EU(RoHS)
	1907/2006/EC § 33 (REACH, SVHC)
	1907/2006/EC Annex XIV (REACH, Authorisation List)
	1907/2006/EC Annex XVII (REACH, List of restrictions)
Art der Prüflinge *Test item description*	**Motorola Smart Phone XT2427 Series**
Warenzeichen *Trade Mark*	**Motorola/Lenovo**
Typenbezeichnungen(en) *Type reference(s)*	**Serial number: N9MLA10479**
Bemessungsdaten *Ratings*	

Zustand des Prüfmusters *Test sample condition*	☒	Unbeschädigtes Prüfmuster *Non-damaged sample*
	Bemerkung / *Remark:*	
Wareneingang Prüfmuster *Sample entry date*	2024-03-26	
Datum der Durchführung der Prüfungen *Date (s) of performance of tests*	2024-03-26 – 2024-05-13	

Geprüft und erstellt von: *Tested by* ..... :	Julia Lautenschläger	
Name / *Name,* Unterschrift / *Signature*..... :	(Autorisierung des Prüfberichtes *Authorization of test report*)	J. Laut.
Funktion / *Function* ..... :	Prüfingenieur / Testing engineer	
Überprüft von / *approved by* ..... :		
Name / Name, Unterschrift / Signature..... :	Beatrice Duchardt	B. Duchardt
Funktion / *Function* ..... :	Fachzertifizierer / *Technical Certification Officer*	

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

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

Allgemeine Bemerkungen / *General Remarks:*
Konformitätserklärung / *Conformity statement*: Die VDE-Entscheidungsregel für die Konformitätserklärung entspricht dem IEC Guide 115:2023 / *The VDE decision rule for the statement of conformity is in accordance with IEC Guide 115:2023*

Prüf- und Messmittel / *Testing and measuring equipment*:		
Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro XEPOS XC (XC) Inv. No. 1150667 Spectro XEPOS HE (XL) Inv. No. 1150529 Spectro XEPOS HE (XR) Inv. No. 1150796	IEC 62321-3-1:2013
Polymers	Infrared Spectrometry (IR) Bruker ALPHA (IR1) Inv. No. 1150578 Bruker INVENIO S (IR2) Inv. No. 1150787	Inhouse Method SOP TL72 0214 Version 1
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-1:2015
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 Headspace screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (HS-GC2) Inv. No. 5211104	Inhouse method according to DIN TS 51012:2020-4
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
POP Substances Screening (SCCP, HBCDD)	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095	Inhouse method according to DIN TS 51012:2020-4

Contents Directory

1 Description of the Sample (EUT)

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

2 Assessment summary of substances according to 12G02897W18

2.1 Global Compliance Acceptance Criteria (banned and controlled Substances)

Substances	Results
Asbestos, asbestos compounds	For indicator elements Al and Si see chapter 3 [1)]
Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (“BNST”)	n.t.
Chlorofluorocarbons and halons (Class I and II Ozone Depleting Chemicals) [1]	For indicator element Cl see chapter 3 [1)]
Halogenated dioxins and furans	For indicator element Cl and Br see chapter 3 [1)]
Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF6)	n.t.
Mercury and Mercury Compounds	n.d. see chapter 3
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-	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]	Risk samples: GF2003-03, GF2006-03, GF2007-03, GF2008-02, GF2012-03, GF2015-08, GF2021-01, GF2022-02, GF2022-04, GF2023-03, GF2023-05, GF2023-07, GF2023-09, GF2023-10, GF2023-13, GF2025-10, GF2027-01, GF2028-01, GF2032-07, GF2042-02
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in “portable” batteries	n.d. see chapter 3
Chromium (VI) compounds	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 3[1)]
Lead in cable jackets [1, 2]	n.d. see chapter 3

Substances	Results
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
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)	Risk samples: GF2013-04, GF2013-06, GF2014-04, GF2014-06, GF2017-01, GF2017-04
Perfluorooctanoic Acids	n.t.
Persistent Organic Pollutants (POP)	n.t. For indicator elements Br and Cl see chapter 3 [1)]
Poly Vinyl Chloride (PVC) vinyl chloride monomer in External Cables	n.d. see chapter 3 and 5
Certain short and medium chained chlorinated paraffins	n.d. (SCCP, MCCP - see chapter 3)
REACH Authorised and Restricted Substances not otherwise listed	**Detected**, See Chapter 5
REACH Authorised and Restricted Substances not otherwise listed – Entry 20 Organostannic compounds [6]	Sn > 0.1% **detected** See sample GF2014-04 (0.10% Sn) [1)] See sample GF2023-19 (1.04% Sn) [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% **detected** See sample GF2012-03 (0.04% Sn) [1)] See sample GF2014-04 (0.10% Sn) [1)] See sample GF2023-03 (0.07% Sn) [1)] See sample GF2023-19 (1.04% Sn) [1)]
REACH Authorised and Restricted Substances not otherwise listed – Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	n.d. See Chapter 6
REACH Candidate List Substances not otherwise listed	**Detected**, See chapter 5
Tris(2-chloroethyl)phosphate (“TCEP”)	n.d. see chapter 5
Tris(1,3-dichloro-2-propyl) phosphate (“TDCPP”)	For indicator element Cl see chapter 3 [1)]

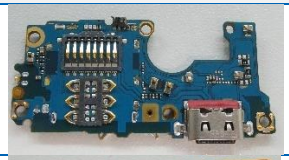
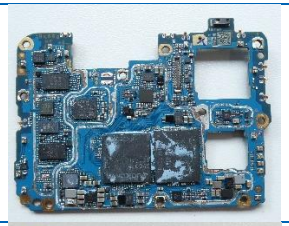
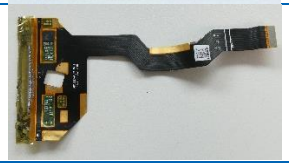
[1] Substance may not be intentionally added.
[2] The concentration basis is based on the weight of the external cable jacket not including any conductors, sheathed conductors or ground jackets.
[3] Banned in packaging and as a fumigation technique for wood pallets and other wood packaging (includes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

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

2.2 Items that only use Homogeneous Materials

None

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

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1]	Does that rating make use of an Exemption	Sub Item level acceptance rating
GF2015-10	24-100 Motorola Smart Phone, XT2427, SUB PWB		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GF2019-01	24-100 Motorola Smart Phone, XT2427, Battery, PWB		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GF2024-08	24-100 Motorola Smart Phone, XT2427, Main PWB		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GF2030-07	24-100 Motorola Smart Phone, XT2427, Display connection flex		PWB (100%)[2]	**Pb**	in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**

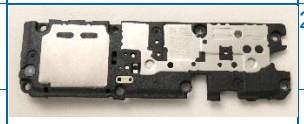
[1] Threshold limits are given in ppm, exemptions are in wt.% - ppm = mg/kg (w/w)
[2] Components have been identified that contain lead in ceramics. Due to expired exemption for lead in dielectric ceramic capacitors (of less than 125V AC or 250V DC) it has to be made sure that the exemption is really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

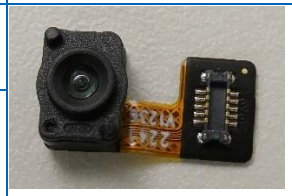
2.4 Phthalates in fractions

None

3 Material Assay Screening Results

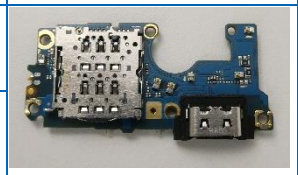
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2003-00	24-100 Motorola Smart Phone, XT2427, Sim Card holder		0.352	0.21%				
GF2003-01	24-100 Motorola Smart Phone, XT2427, Sim Card holder, Label				0.28%	PET 80% Acrylic 20%	Main: P Ti; Other: Al Si S Cl K Ca V Fe Ni; Trace: Mn Cu Zn Zr Nb Ag Sn Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GF2003-02	24-100 Motorola Smart Phone, XT2427, Sim Card holder, Red rubber seal				3.41%	TPU	Other: Al Si P S Ca Fe; Trace: Cl K Mn Ni Cu Zn Ba.	Reportable: Al Fe;
GF2003-03	24-100 Motorola Smart Phone, XT2427, Sim Card holder, Black plastic part				59.66%	PC	Other: Al Si P S K Ca Fe Ni; Trace: Cl Ti Cr Mn Co Cu Zn Sr Zr Ce.	Reportable: Al Fe Co Si;
GF2003-04	24-100 Motorola Smart Phone, XT2427, Sim Card holder, Metal plate				36.65%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge Nb Sn Ba W Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2004-00	24-100 Motorola Smart Phone, XT2427, Backside cover		7.544	4.41%		PMMA 80% PET 20%	Other: Al P S Ca Fe Zr In; Trace: Si K Ti Cu Ce W.	Reportable: Al Fe;
GF2005-00	24-100 Motorola Smart Phone, XT2427, Flashlight		0.066	0.04%		PMMA	Other: Al Si P S Cl K Ca; Trace: Fe La.	Reportable: Al;
GF2006-00	24-100 Motorola Smart Phone, XT2427, Bottom speaker		1.405	0.82%				
GF2006-01	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Metal housing				33.81%		Main: P Fe Ni; Other: S K Ca Mn Sn Bi; Trace: Al Si Cl Ti Co Ba La.	Reportable: Fe Co Sn Bi; Controlled: Ni.
GF2006-02	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Metal plate				14.66%		Main: P Fe Ni; Other: Al Cl K Ca Mn Zn Bi; Trace: Si S Cr Mo Ce Pr Nd.	Reportable: Fe Bi; Controlled: Ni.

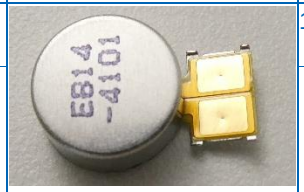
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2006-03	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Black plastic part				7.54%	PC	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: V Cr Mn Ni Sr Zr Sn Ba La Ce.	Reportable: Al Fe Si P;
GF2006-04	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Membrane plate				1.21%	Metal 95% PBT 5%	Main: Al; Other: Si P S K Ca Mn Fe Ni Cu Zn Ga; Trace: Cl Ti V.	Reportable: Al Fe Cu P;
GF2006-05	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Membrane				0.21%	PBT	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Sn.	Reportable: Al Fe Si P;
GF2006-06	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Magnet				33.88%		Main: Fe Zn Pr; Other: Al Si S Cl Co Cu Ga Ge Y Zr Nb W U; Trace: Ca V Rb Mo Rh In Sn Tl Bi Th.	Reportable: Al Fe Co Cu Zn Y Pr W;
GF2006-07	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Clear glue strip				0.50%	PBT	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti V Cr Mn Co Cu Sn.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GF2006-08	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Blue glue				0.07%	PMMA	Other: Al Si P S Cl K Ca Fe Sn; Trace: Ni Cu Zn.	Reportable: Al Fe Sn Si P;
GF2006-09	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Flex				8.11%		(see x,y-Scan Results) Main: S Cu; Other: Al Si P Cl K Ca Ag; Trace: Ti V Mn Fe Ni Zr Nb Mo Ta.	Reportable: Al Cu Ag Si;
GF2007-00	24-100 Motorola Smart Phone, XT2427, Black plastic cover		2.197	1.29%				
GF2007-01	24-100 Motorola Smart Phone, XT2427, Black plastic cover, Metal plate 1				27.72%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2007-02	24-100 Motorola Smart Phone, XT2427, Black plastic cover, Metal plate 2				19.85%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu; Trace: Al Cl Zn Ga Ge Mo Ce Pr Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2007-03	24-100 Motorola Smart Phone, XT2427, Black plastic cover				50.48%	PC	Main: Si P Ca; Other: Al S K Ti Fe; Trace: Cl Cr Mn Ni Cu Sr Zr Ba Ce.	Reportable: Al Fe Si P;
GF2007-04	24-100 Motorola Smart Phone, XT2427, Black plastic cover, Black glue strip				0.05%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn Ag Sb.	Reportable: Al Fe P; Controlled: Ni.
GF2007-05	24-100 Motorola Smart Phone, XT2427, Black plastic cover, Contact1				1.18%		Main: P Cr Mn Fe Ni; Other: Si S Cl K Ca V Cu Sn Au; Trace: Al Co Zn Ge I.	Reportable: Cr Fe Co Cu Sn Au; Controlled: Ni.
GF2007-06	24-100 Motorola Smart Phone, XT2427, Black plastic cover, Contact2				0.73%		Main: S Fe Ni Au; Other: P Cl K Ca Cr Mn Cu Zn W; Trace: Al Si Ge Sn Sb Ba U.	Reportable: Cr Fe Cu W Au; Controlled: Ni.
GF2008-00	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor		0.136	0.08%				
GF2008-01	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor, Flex				72.79%		(see x,y-Scan Results) Main: Si S Cu; Other: Al P Cl K Ca Ti Cr Fe Ni Ag Sn Ba W; Trace: Mn Co Zn Sr Zr Nb Mo Pd Hf Au.	Reportable: Al Cr Fe Co Cu Ag Sn Ba W Si; Controlled: Ni.
GF2008-02	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor, Black plastic part				22.79%	PC	Main: S; Other: Al Si P Cl Ca Fe; Trace: K Ti Cr Mn Ni Cu.	Reportable: Al Fe P;
GF2008-03	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor, Black foil rings				0.74%	PET	Other: Al Si P S Cl Ca Fe Ni; Trace: K Mn Cu.	Reportable: Al Fe Si P;
GF2008-04	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor, Lenses				3.68%	PMMA	Other: Al Si P S Ca Ti Fe; Trace: Cl K Ni Cu.	Reportable: Al Fe Si;

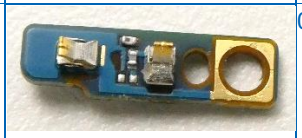
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2009-00	24-100 Motorola Smart Phone, XT2427, Flashlight PWB		0.226	0.13%			(see x,y-Scan Results) Main: Si S Ni Cu Ba; Other: Al P Cl K Ca Ti Sr Sn Au; Trace: Ge Zr Nb Ag Ce Th.	Reportable: Al Cu Sn Ba Au Si P; Controlled: Ni.
GF2010-00	24-100 Motorola Smart Phone, XT2427, Antenna Flex		0.222	0.13%			Main: Si S Fe Ni Cu; Other: Al P Cl K Ca Ti Mn Co Zn Sr Ba Ta; Trace: Cr Ga Ge Cs La.	Reportable: Al Fe Co Cu Zn Ba Si P; Controlled: Ni.
GF2011-00	24-100 Motorola Smart Phone, XT2427, Glass rear camera covers		0.510	0.30%			Main: Al Si P K; Other: S Cl Ca Ti Zn Zr Sn; Trace: Fe Ga Sb Ba La W.	Reportable: Al Zn Sn Si P;
GF2012-00	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2		5.732	3.35%				
GF2012-01	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2, Metal rings				15.98%		Main: Al Si P S Cu; Other: Cl Ca Ti V Cr Mn Fe Ni Zn Ga; Trace: Y Zr Ba La Pr Tl U.	Reportable: Al Cr** Fe Cu Zn; Controlled: Ni.
GF2012-02	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2, Black glue				0.58%	Acrylic	Other: Al Si P S Cl K Ca Cr Fe Ni Cu; Trace: Ti Mn Zn Zr.	Reportable: Al Cr Fe Cu Si P;
GF2012-03	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2				83.44%	PC	Main: Ca Cr Fe Cu; Other: Al Si P S Cl K Mn Co Ni Zn Zr Mo Sn Hf; Trace: Ti Sr Y Sb Ba Ce W.	Reportable: Al Cr Fe Co Cu Zn Sn Si P; Controlled: Ni.
GF2013-00	24-100 Motorola Smart Phone, XT2427, Black connection cable		0.195	0.11%				

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2013-01	24-100 Motorola Smart Phone, XT2427, Black connection cable, Metal contact holder				14.87%		Main: S Ni Cu Sn; Other: Al Si P Cl Au; Trace: Ca Fe Ge Zr Nb Ba La Pr.	Reportable: Al Cu Sn Au; Controlled: Ni.
GF2013-02	24-100 Motorola Smart Phone, XT2427, Black connection cable, Contacts				0.51%		Main: Si P S Cl Ca Ni Cu Sn; Other: Ti Y Zr Ba Pr Au U; Trace: Al Ge Nb Sb.	Reportable: Cu Y Sn Ba Pr Au; Controlled: Ni.
GF2013-03	24-100 Motorola Smart Phone, XT2427, Black connection cable, Black plastic inserts				1.03%	PP	Other: Al Si P S Ca Fe Ni Cu; Trace: Cl K Ti Mn Zn Sr Zr Sn.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2013-04	24-100 Motorola Smart Phone, XT2427, Black connection cable, Black cable jacket				17.95%	PTFE	Other: Al Si P S Ca Fe; Trace: Cl K Ti Mn Ni Cu Sn.	Reportable: Al Fe P;
GF2013-05	24-100 Motorola Smart Phone, XT2427, Black connection cable, Wire 1				36.41%		Main: Cu Sn; Other: Al Si P S Zn; Trace: Cl K Ca Fe Ga Ge Zr Nb Ba La Nd Yb W Bi U.	Reportable: Al Cu Zn Sn;
GF2013-06	24-100 Motorola Smart Phone, XT2427, Black connection cable, White inner cable jacket				21.54%	PTFE	Other: Al Si P S Cl Ca Ti Fe; Trace: K V Ni Cu.	Reportable: Al Fe P;
GF2013-07	24-100 Motorola Smart Phone, XT2427, Black connection cable, Wire 2				7.69%		Main: S Cu Ag; Other: Al Si P Cl Zn; Trace: Ca Ti Fe Ge Y Zr Nb Rh Cs Ba La Yb Bi U.	Reportable: Al Cu Zn Ag;
GF2014-00	24-100 Motorola Smart Phone, XT2427, White connection cable		0.158	0.09%				
GF2014-01	24-100 Motorola Smart Phone, XT2427, White connection cable, Metal contact holder				18.35%		Main: S Ni Cu Sn; Other: Al Si P Cl K Ca Au; Trace: Ti Fe Ge Y Zr Nb I Pr.	Reportable: Al Cu Sn Au; Controlled: Ni.
GF2014-02	24-100 Motorola Smart Phone, XT2427, White connection cable, Black plastic inserts				1.27%	PP	Main: Ca; Other: Al Si P S K Fe Ni Cu; Trace: Cl Ti Mn Zn Sr Zr.	Reportable: Al Fe Cu Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
GF2014-03	24-100 Motorola Smart Phone, XT2427, White connection cable, Contacts				0.63%		Main: P S Ca Ni Cu Sn Au; Other: Si Cl Ti Ge Ag Ba; Trace: Al Y Zr Nb Sb.	Reportable: Cu Ag Sn Ba Au; Controlled: Ni.
GF2014-04	24-100 Motorola Smart Phone, XT2427, White connection cable, Outer cable jacket				16.46%	PTFE	Main: Cu; Other: Al Si P S Ca Ti Sn Hf; Trace: Cl K V Fe Ni Zn Sb.	Reportable: Al Cu Sn P;
GF2014-05	24-100 Motorola Smart Phone, XT2427, White connection cable, Wire 1				33.54%		Main: Cu Sn; Other: Al Si P S Cl K Zn Nd; Trace: Ca V Fe Ga Ge Y Zr Nb Ba Yb Bi U.	Reportable: Al Cu Zn Sn Nd;
GF2014-06	24-100 Motorola Smart Phone, XT2427, White connection cable, Inner cable jacket				20.89%	PTFE	Other: Al Si P S Ca Ti Fe; Trace: Cl K V Mn Ni Cu.	Reportable: Al Fe P;
GF2014-07	24-100 Motorola Smart Phone, XT2427, White connection cable, Wire 2				8.86%		Main: Si S Cu Ag; Other: Al P Cl Zn; Trace: Ca Ti Ni Ge Y Zr Nb Rh Sb Ba U.	Reportable: Al Cu Zn Ag;
GF2015-00	24-100 Motorola Smart Phone, XT2427, SUB PWB		2.231	1.31%				
GF2015-01	24-100 Motorola Smart Phone, XT2427, SUB PWB, Metal shielding 1				10.71%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca Ti V Cu Zn Mo; Trace: Al Co Ge Nb Sn Sb Ba Bi.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GF2015-02	24-100 Motorola Smart Phone, XT2427, SUB PWB, Black rubber part				5.42%	Silicone	Main: Si; Other: P S Cl Ca Fe Zn; Trace: K Ti Ni Zr.	Reportable: Fe Zn Si P;
GF2015-03	24-100 Motorola Smart Phone, XT2427, SUB PWB, Contacts 1				1.97%		Main: S Ni Cu Sn; Other: Al Si P Cl Ge Au; Trace: K Ca Ti Fe Zr Nb Ba.	Reportable: Al Cu Sn Au; Controlled: Ni.
GF2015-04	24-100 Motorola Smart Phone, XT2427, SUB PWB, Contact 2				0.36%		Main: Si P S Ni Cu Sn; Other: Cl K Ca Ti Au; Trace: Al Y Zr Nb I Ba Pr.	Reportable: Cu Sn Au; Controlled: Ni.

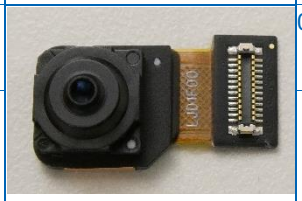
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2015-05	24-100 Motorola Smart Phone, XT2427, SUB PWB, Metal shielding 2				0.40%		Main: S Fe Ni; Other: Si P Cl K Ca Cr Mn Co Cu Zn Mo; Trace: Al V Ge Y Nb Rh Ba Th U.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2015-06	24-100 Motorola Smart Phone, XT2427, SUB PWB, Metal pin				3.72%		Main: P S Ni Cu Zn Sn Au; Other: Al Si Cl K Ca Ge Sb; Trace: Ti Zr Pd Ba.	Reportable: Cu Zn Sn Sb Au; Controlled: Ni.
GF2015-07	24-100 Motorola Smart Phone, XT2427, SUB PWB, Metal shielding 3				1.17%		Main: S Ni Cu Zn Sn; Other: Si P Cl Mn Fe Ag; Trace: Al Ca Ge Rb Sr Y Zr Ba La Pr Bi U.	Reportable: Fe Cu Zn Ag Sn; Controlled: Ni.
GF2015-08	24-100 Motorola Smart Phone, XT2427, SUB PWB, Black plastic part				2.64%	Polyester GF	Main: Si K; Other: Al P S Ca Ti Mn Fe Ni Zn Rb Sr; Trace: Cl V Cr Co Cu Ga Zr Nb Sn Ba W.	Reportable: Al Fe Co Rb Si P;
GF2015-09	24-100 Motorola Smart Phone, XT2427, SUB PWB, Humidity indicator				0.04%	80% Paper 20% Acrylic	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni; Trace: Mn Co Cu Zn Sn.	Reportable: Al Fe Co Si P;
GF2015-10	24-100 Motorola Smart Phone, XT2427, SUB PWB				73.55%		(see x,y-Scan Results) Main: Al Si K Ni Cu Sn Ba; Other: P S Cl Ca Ti Fe Sr Ag La Au; Trace: Mn Zn Ga Ge Y Zr Nb Ce Tl Th.	Reportable: Al Fe Cu Ag Sn Ba La Au Si; Controlled: **Pb** Ni.
GF2016-00	24-100 Motorola Smart Phone, XT2427, Vibra call		1.203	0.70%				
GF2016-01	24-100 Motorola Smart Phone, XT2427, Vibra call, Metal housing				10.47%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Mo; Trace: Al Zn Ge Ba La Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2016-02	24-100 Motorola Smart Phone, XT2427, Vibra call, Metal plate				7.65%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Zn Mo; Trace: Al Ge Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2016-03	24-100 Motorola Smart Phone, XT2427, Vibra call, Metallic glue strip				0.25%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe; Trace: Cr Ga Zr Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2016-04	24-100 Motorola Smart Phone, XT2427, Vibra call, Copper wire				1.91%		Main: P S Cu; Other: Al Cl Ca Ni Zn Ba; Trace: Si Ge Y Zr Nb Sb Yb U.	Reportable: Cu Zn Ba; Controlled: Ni.
GF2016-05	24-100 Motorola Smart Phone, XT2427, Vibra call, Metal ring				71.74%		Main: Co Ni W; Other: P S Cl K Ca Ti Cr Mn Fe La Nd; Trace: Al Cu Ga Ge Ru Rh Pd In Sb Ce Pr.	Reportable: Cr Fe Co La Nd W; Controlled: Ni.
GF2016-06	24-100 Motorola Smart Phone, XT2427, Vibra call, Contact ring				2.41%		Main: S Cr Fe; Other: Si P Cl K Ca V Mn Ni Cu Zn W; Trace: Al Ti Ge Y Zr Nb Mo Sb Ba Th U.	Reportable: Cr Fe Cu W; Controlled: Ni.
GF2016-07	24-100 Motorola Smart Phone, XT2427, Vibra call, Metal part				2.24%		Main: P S Cr Fe Ni; Other: Si Cl K Ca V Mn Cu Zn Nb Mo W; Trace: Al Ti Co Ge Rb Y Rh Sb Bi.	Reportable: Cr Fe Co Cu W; Controlled: Ni.
GF2016-08	24-100 Motorola Smart Phone, XT2427, Vibra call, Magnet				2.41%		Main: Si S Cl Fe Ni Cu Pr; Other: Al K V Zn Y Zr Nb Mo In Te Cs Ba Tl Bi Th U; Trace: Ca Ge Se Br Ru Rh Sb.	Reportable: Fe Cu Zn Y Te Ba Pr Tl Bi; Controlled: Ni.
GF2016-09	24-100 Motorola Smart Phone, XT2427, Vibra call, Flex				0.91%		Main: Al P Cu; Other: Si S Cl K Ca Fe Co Ni Zn Zr Sn; Trace: Ti Cr Mn Ga Ag Sb Ta.	Reportable: Al Fe Co Cu Sn Si P; Controlled: Ni.
GF2017-00	24-100 Motorola Smart Phone, XT2427, Gray connection cable		0.140	0.08%				

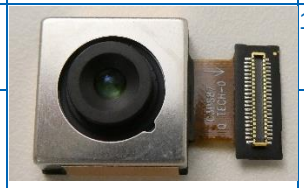
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2017-01	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Outer cable jacket				15.00%	PTFE	Other: Al Si P S Ca Fe Ni; Trace: Cl K Ti Mn Cu Sn Sb.	Reportable: Al Fe P;
GF2017-02	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Wire 1				33.57%		Main: Si Cu Sn; Other: Al P S Cl K Zn; Trace: Ca Mn Fe Ga Ge Zr Nb Ba Pr Nd Yb Bi U.	Reportable: Al Cu Zn Sn;
GF2017-03	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Wire 2				9.29%		Main: P S Cu Ag; Other: Al Si Cl Ni Zn; Trace: Ca Ti Ge Y Zr Nb Rh Sb Cs Ba U.	Reportable: Cu Ag; Controlled: Ni.
GF2017-04	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Inner cable jacket				17.86%	PTFE	Other: Al Si P S Ca Ti Fe; Trace: Cl K V Co Ni Cu.	Reportable: Al Fe Co P;
GF2017-05	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Metal contact holder				22.86%		Main: S Ni Cu Sn; Other: Al Si P Cl K Nd Au; Trace: Ca Ti Mn Fe Ge Y Zr Nb I Ba La Bi.	Reportable: Al Cu Sn Nd Au; Controlled: Ni.
GF2017-06	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Black plastic inserts				0.71%	PP	Other: Al Si P S Ca Fe Ni Cu; Trace: Cl K Ti Mn Zn Sr Zr Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2017-07	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Contacts				0.71%		Main: P S Ni Cu Sn; Other: Si Cl K Ca Ba; Trace: Al Ge Sr Y Zr Nb Sb Cs U.	Reportable: Cu Sn Ba; Controlled: Ni.
GF2018-00	24-100 Motorola Smart Phone, XT2427, Small PWB		0.047	0.03%			(see x,y-Scan Results) Main: Si S Ca Cu Sn; Other: Al P Cl K Ti Fe Ni Sr Ag Ba Au; Trace: Zn Zr La Ce.	Reportable: Al Fe Cu Ag Sn Ba Au 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. V6 Appendix C relevant compounds [1)]
GF2019-00	24-100 Motorola Smart Phone, XT2427, Battery		62.677	36.67%				
GF2019-01	24-100 Motorola Smart Phone, XT2427, Battery, PWB				1.00%		(see x,y-Scan Results) Main: Si Ca Ni Cu Ag Sn; Other: Al P S Cl K Ti Fe Zn Sr Ba Hf; Trace: Cr Mn Zr Nb La U.	Reportable: Al Fe Cu Ag Sn Ba Si; Controlled: **Pb** Ni.
GF2019-02	24-100 Motorola Smart Phone, XT2427, Battery, Yellow glue strip 1				0.16%	PAI 70% Acrylic 30%	Other: Al Si P S K Ca Co; Trace: Cl Fe Ni Cu Zn Sn Ce.	Reportable: Al Co;
GF2019-03	24-100 Motorola Smart Phone, XT2427, Battery, Yellow glue strip 2				0.24%	PAI 70% Silicone 30%	Main: Si; Other: P S K Ca; Trace: Cl Fe Co Ni Cu Zn Sn.	Reportable: Co Si P;
GF2019-04	24-100 Motorola Smart Phone, XT2427, Battery, Black shock pad 1				0.07%	PUR 50% PET 30% Acrylic 20%	Main: Si; Other: Al P S Cl Ca; Trace: K Fe Co Ni Cu Sb.	Reportable: Al Co Si;
GF2019-05	24-100 Motorola Smart Phone, XT2427, Battery, Black glue strip 1				0.06%	PET 35% Paper 35% Acrylic 30%	Other: Al Si P S Cl K Ca Bi; Trace: Mn Fe Co Ni Cu Zn Zr Sn Sb.	Reportable: Al Co Bi P;
GF2019-06	24-100 Motorola Smart Phone, XT2427, Battery, Black shock pad 2				0.08%	Silicone 50% PET 30% Acrylic 20%	Main: Si P; Other: Al S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;
GF2019-07	24-100 Motorola Smart Phone, XT2427, Battery, Outer cover				3.42%	Metal 80% PP 10% PA 10%	Main: Al Fe; Other: Si P S Cl K Ca Ti V Cr Mn Co Ni Cu Ga; Trace: Zn Zr Mo Ce.	Reportable: Al Cr Fe Co Cu Zn Y; Controlled: Ni.
GF2019-08	24-100 Motorola Smart Phone, XT2427, Battery, White foil				6.58%	PE	Main: Al P S Cu; Other: Si Cl K Ca Fe Co Ni Ta; Trace: Ti Cr Mn Ga Sb.	Reportable: Al Fe Co Cu P;
GF2019-09	24-100 Motorola Smart Phone, XT2427, Battery, Silver foil				8.46%		Main: Al Co; Other: Si P Cl K Ca Fe Cu; Trace: S Ti V Mn Ni Zn Ga Y.	Reportable: Al Fe Co Cu;
GF2019-10	24-100 Motorola Smart Phone, XT2427, Battery, Copper foil				10.34%		Main: Cu; Other: Al Si P S Cl K Cr Co Zn Nd; Trace: Ca Mn Fe Ga Ge Y Zr Nb Rh Ba Ce Pr Bi U.	Reportable: Al Cr Co Cu Nd;

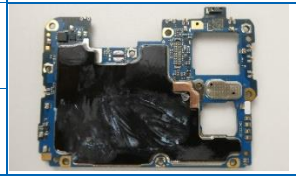
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2019-11	24-100 Motorola Smart Phone, XT2427, Battery, Blue glue strips				0.07%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Fe Co Cu; Trace: Ni Sb Yb Ta.	Reportable: Al Fe Co Cu P;
GF2019-12	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips 1				0.14%	PET 80% Acrylic 20%	Main: P Co Ni Zn; Other: Al Si S K Ca Ti Fe Cu; Trace: Cl V Mn Y Zr Sb.	Reportable: Al Fe Co Cu Zn Si P; Controlled: Ni.
GF2019-13	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips with silver foil				0.26%	PET 80% TPV 20%	Main: Al Co; Other: Si P S Ca Ti Fe Cu Y Zr La; Trace: K V Cr Mn Zn Ga Sn Sb I Cs Ba Ce Hf Ta.	Reportable: Al Fe Co Cu Y La P;
GF2019-14	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips 2				0.04%	PET 80% Acrylic 20%	Main: P; Other: Al Si S K Ca Ti Fe Co Cu; Trace: Cl Mn Ni Sb Yb.	Reportable: Al Fe Co Cu P;
GF2019-15	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips 3				0.04%	PET 80% Acrylic 20%	Main: P Co Ni Cu Zn; Other: Al Si S Cl K Ca Ti Fe; Trace: Cr Mn Y Zr Nb Sb.	Reportable: Al Fe Co Cu Zn P; Controlled: Ni.
GF2019-16	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips 4				0.01%	PET 80% Acrylic 20%	Main: P S Co Ni; Other: Al Si Cl K Ca Ti Fe Cu Zn; Trace: Cr Mn Zr Sb.	Reportable: Al Fe Co Cu Zn P; Controlled: Ni.
GF2019-17	24-100 Motorola Smart Phone, XT2427, Battery, Contact 1				0.11%		Main: Al; Other: Si P S K Ca Cr Fe Co Ni; Trace: Cl Ti V Ga Yb.	Reportable: Al Cr** Fe Co;
GF2019-18	24-100 Motorola Smart Phone, XT2427, Battery, Contact 2				0.28%		Main: Al Ni; Other: Si P S Cl K Ca Ti V Cr Fe Cu Zn Ga; Trace: Mn Co Ge Y Zr Nb Mo Ru Rh Ba Ce Tl Bi U.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
GF2019-19	24-100 Motorola Smart Phone, XT2427, Battery, Carbon coating				68.63%		Main: Co Cu; Other: Al P S Ca Ti Fe Y Zr La; Trace: Si Cl K V Cr Mn Sn Sb Te I Cs Ba Ce.	Reportable: Al Fe Co Cu Y La P;

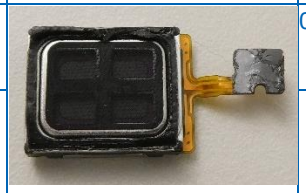
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2020-00	24-100 Motorola Smart Phone, XT2427, Connection flex		0.960	0.56%			(see x,y-Scan Results) Main: Al Si S Ni Cu; Other: P Cl Ca Ti Fe Zn Zr Au; Trace: K Cr Mn Ga Ge Y Nb Mo.	Reportable: Al Fe Cu Zn Au Si P; Controlled: Ni.
GF2021-00	24-100 Motorola Smart Phone, XT2427, Front camera		0.260	0.15%				
GF2021-01	24-100 Motorola Smart Phone, XT2427, Front camera, Black plastic lenses housing				17.31%	PC	Main: Si S; Other: Al P Ca; Trace: Cl K Ti Fe Ni Cu.	Reportable: Al Si P;
GF2021-02	24-100 Motorola Smart Phone, XT2427, Front camera, Black plastic frame				10.38%	PA	Main: Si S Ca; Other: Al P Cl K Ti V Mn Fe Cu Zn Ba; Trace: Ni Sr Zr Nb Sb.	Reportable: Al Fe Cu Zn Ba Si P;
GF2021-03	24-100 Motorola Smart Phone, XT2427, Front camera, Black metal ring				4.23%		Main: S Cu Zn; Other: P Cl Ni Bi; Trace: Al Si Ca Ti Y Zr In Sb Ba U.	Reportable: Cu Zn Bi;
GF2021-04	24-100 Motorola Smart Phone, XT2427, Front camera, Copper glue strip				0.38%	Metal 80% Acrylic 20%	Main: Cu; Other: Al Si P S Ca Fe Ni; Trace: Cl K Mn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2021-05	24-100 Motorola Smart Phone, XT2427, Front camera, Black foil rings				0.38%	PET	Other: Al Si P S Cl K Ca Cr Fe Ni; Trace: Ti Mn Cu Zn Sb.	Reportable: Al Cr Fe Si P;
GF2021-06	24-100 Motorola Smart Phone, XT2427, Front camera, Lenses				14.23%	PMMA	Main: Si; Other: Al P S Ca Ti; Trace: Cl K Mn Fe Ni Cu Zn.	Reportable: Al Si;
GF2021-07	24-100 Motorola Smart Phone, XT2427, Front camera, Blue glass				5.77%		Main: Cu Zn Ba; Other: Al Si P S K Ca Ti Fe Ce Ta; Trace: Cl Mn Ga Sr Sn Sb Te I La.	Reportable: Al 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. V6 Appendix C relevant compounds [1)]
GF2021-08	24-100 Motorola Smart Phone, XT2427, Front camera, Flex				47.31%		(see x,y-Scan Results) Main: Al Si P S Ni Cu Ba; Other: Cl K Ca Ti Co Zn Sr Zr Pd Sn Au; Trace: Mn Fe Ga Ge Y Nb Ag I Cs Ce Th.	Reportable: Al Co Cu Pd Sn Ba Au Si P; Controlled: Ni.
GF2022-00	24-100 Motorola Smart Phone, XT2427, Rear camera 1		0.552	0.32%				
GF2022-01	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Metal frame				23.37%		Main: Si P S Fe Ni; Other: Cl K Ca Ti Cr Mn Cu Mo Bi; Trace: Al V Co Zn Sb I Ba Pr Nd.	Reportable: Cr Fe Co Bi; Controlled: Ni.
GF2022-02	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic lenses housing				14.31%	PC	Other: Al Si P S K Ca Fe; Trace: Cl Ti Ni Cu.	Reportable: Al Fe P;
GF2022-03	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic frame 1				6.70%	PA	Main: Si S K Ca Ti; Other: Al P Cl Mn Fe Ni Cu Zn Ba; Trace: V Co Sr Zr Nb Sn W.	Reportable: Al Fe Co Cu Zn Ba Si P; Controlled: Ni.
GF2022-04	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic frame 2				4.53%	Polyester GF	Main: Si S Ca; Other: Al P Cl K Mn Fe Ni Ba; Trace: Ti V Cr Cu Zn Sr Hf.	Reportable: Al Fe Ba Si P;
GF2022-05	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Copper glue strip				3.26%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Ag Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2022-06	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Copper wire				2.72%		Main: S Cu; Other: Al Si P Cl Ti Ni Zn; Trace: Ca Sr Y Zr Nb Rh In Ba Yb U.	Reportable: Cu Zn;
GF2022-07	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic ring				0.18%	PC/ABS	Other: Al Si P S Ca Fe Ni; Trace: Cl K Ti Mn Co Cu.	Reportable: Al Fe Co P;

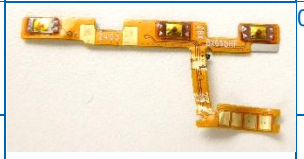
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2022-08	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black foil rings				0.18%	PET	Main: Cu; Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn.	Reportable: Al Fe Cu P;
GF2022-09	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Contact ring				0.18%		Main: Al Si S Ti Cu; Other: P Ca V Cr Mn Ni Zn Br; Trace: Co Ga Zr Nb Mo.	Reportable: Al Cr Co Cu; Controlled: Ni.
GF2022-10	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Contacts				0.91%		Main: P S Ca Ni Cu Sn; Other: Si Cl Ti Zn Ag Ba Au; Trace: Al Sr Y Zr Nb Rh Pd Bi U.	Reportable: Cu Zn Ag Sn Ba Au; Controlled: Ni.
GF2022-11	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Magnets				10.33%		Main: Cl Fe Ni Cu Pr; Other: Al Si S V Zn Y Zr Nb Mo Sb Te Ba Tl Bi Th U; Trace: Ca Co Br Ru Rh In.	Reportable: Al Fe Co Cu Zn Y Sb Te Ba Pr Tl Bi; Controlled: Ni.
GF2022-12	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Lenses				9.42%	PMMA	Other: Al Si P Ca Ti; Trace: S Cl K Fe Ni Zn.	Reportable: Al Si;
GF2022-13	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Blue glass				1.99%		Main: Si P Ti Cu Zn Ba; Other: Al S K Ca La Ce Hf; Trace: Cl Mn Ga Sr Sn Sb Te I Cs.	Reportable: Al Cu Zn Ba La Ce Si P;
GF2022-14	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Flex				21.92%		(see x,y-Scan Results) Main: Si P S Ni Cu Au; Other: Al Cl K Ca Ti Co Sr Zr Pd Sn Ba; Trace: Cr Ga Ge Y Nb Ag Cs La Tl Th.	Reportable: Al Co Cu Pd Sn Ba Au Si P; Controlled: Ni.
GF2023-00	24-100 Motorola Smart Phone, XT2427, Rear camera 2		1.478	0.86%				
GF2023-01	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Metal frame				17.05%		Main: Cr Mn Fe Ni Mo; Other: Si P Cl K Ca Ti V Co Cu; Trace: Al Ge Rh Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2023-02	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Copper glue strip				3.38%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: Cr Mn Ga Zr Nb Ag Sn Sb Ba U.	Reportable: Al Fe Cu P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2023-03	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 1				3.99%	Polyester GF	Main: Si S Cu; Other: Al P Cl K Ca Ti Mn Fe Ni Zn Sr Sn Ba Hf W; Trace: Cr Ga Pd Ag.	Reportable: Al Fe Cu Sn Ba W Si P; Controlled: Ni.
GF2023-04	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 2				5.28%	PA	Main: Si S Ca; Other: Al P Cl K Ti V Mn Fe Ta; Trace: Ni Cu Zn Ga Sr Zr Nb.	Reportable: Al Fe Si P;
GF2023-05	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 3				3.18%	Polyester GF	Main: Al Si K; Other: P S Cl Ca Ti Fe Cu Rb Sn; Trace: V Mn Ni Zn Ga Nb Ba Hf Ta.	Reportable: Al Fe Cu Rb Si P;
GF2023-06	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 4				2.91%	PA	Main: Si S Ca Ti; Other: Al P Cl K Mn Fe Ta; Trace: V Ni Cu Zn Se Sr Zr Nb Sn Cs Ba Yb.	Reportable: Al Fe Ta Si P;
GF2023-07	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic lenses housing				8.25%	PC	Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Co Ni Cu Zn.	Reportable: Al Fe Co Si P;
GF2023-08	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Magnets				16.85%		Main: Si Fe Ni Cu Pr; Other: Al S Cl K Sr Y Zr Nb Mo Th U; Trace: Ca Ti V Co Ge Se Br Rb Ru Rh In Sb Bi.	Reportable: Al Fe Co Cu Y Pr; Controlled: Ni.
GF2023-09	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic ring 1				0.27%	PC	Other: Al Si P S Ca Fe Cu; Trace: Cl K Mn Co Ni Zn Ag.	Reportable: Al Fe Co Cu Si P;
GF2023-10	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic ring 2				0.34%	PC	Main: Si; Other: Al P S Ca Fe; Trace: Cl K Mn Ni Cu.	Reportable: Al Fe Si P;
GF2023-11	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black foil rings				0.07%	PET	Other: Al Si P S Cl K Ca Cr Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Cr Fe Co Si P;
GF2023-12	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Contact ring				0.07%		Main: P S Cu; Other: Si Cl Ca Ti Ni Ba; Trace: Al Zn Sr Y Zr Nb In Sb Cs U.	Reportable: Cu Ba; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2023-13	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Lenses				5.01%	EP	Other: Al Si P Ca Ti Fe; Trace: S Cl K Ni Zn.	Reportable: Al Fe Si;
GF2023-14	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Contacts 1				1.08%		Main: Si P S Ni Cu Sn; Other: Cl Ca Ti Fe Rb Ag Ba Au; Trace: Al Mn Zn Ge Sr Y Zr Nb Pd U.	Reportable: Fe Cu Rb Ag Sn Ba Au; Controlled: Ni.
GF2023-15	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Contacts 2				0.54%		Main: Si S Ca Ni Cu Sn; Other: P Cl Ti Mn Ag Au; Trace: Al K Fe Ge Sr Zr Nb Ba La.	Reportable: Cu Ag Sn Au; Controlled: Ni.
GF2023-16	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Contacts 3				0.20%		Main: Si P S Ti Cu; Other: Cl Ni Ba; Trace: Al Ca Zn Y Zr Nb U.	Reportable: Cu Ba;
GF2023-17	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Copper wire				1.35%		Main: Si S Cu; Other: Al P Cl K Ni Zn; Trace: Ca Ti Ge Y Zr Nb Sb Ba U.	Reportable: Al Cu;
GF2023-18	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Blue glass				0.27%		Main: Si Ti Ta; Other: Al P S Ca Fe Co Cu W; Trace: Cl K Mn Ge Sn.	Reportable: Al Fe Co Cu Ta W Si P;
GF2023-19	24-100 Motorola Smart Phone, XT2427, Rear camera 2, White glue				0.47%	PUR	Main: Si Cu Sn; Other: Al P S Cl K Ca Ti Fe Ni Ag Au; Trace: V Mn Pd Ba W Bi.	Reportable: Al Fe Cu Ag Sn Au Si P; Controlled: Ni.
GF2023-20	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Flex				29.43%		(see x,y-Scan Results) Main: Al Si S Cu; Other: P Cl K Ca Ti Cr Mn Fe Co Ni Sr Zr Mo Ag Sn I Ba Ta; Trace: Ga Nb Pd La.	Reportable: Al Cr Fe Co Cu Ag Sn Ba Si P; Controlled: Ni.
GF2024-00	24-100 Motorola Smart Phone, XT2427, Main PWB		14.058	8.22%				
GF2024-01	24-100 Motorola Smart Phone, XT2427, Main PWB, Black glue strip				0.81%	Metal 50% PET 50%	Other: Al Si P Ca Zn; Trace: S K Fe Ni Cu Y Sb.	Reportable: Al;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2024-02	24-100 Motorola Smart Phone, XT2427, Main PWB, Copper glue strip				1.80%	Metal 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Ca Ti Fe Ta; Trace: Cl K Cr Mn Ga Y Zr Ag Sn Sb Cs Ba U.	Reportable: Al Fe Cu Si; Controlled: Ni.
GF2024-03	24-100 Motorola Smart Phone, XT2427, Main PWB, Metal shieldings 1				31.38%		Main: Si Ni Cu Zn; Other: Al P S Cl Cr Mn Fe Ag Sn; Trace: Ca Ti Co Ga Ge Y Zr Ba Ce Nd Bi U.	Reportable: Cr Fe Co Cu Zn Ag Sn; Controlled: Ni.
GF2024-04	24-100 Motorola Smart Phone, XT2427, Main PWB, Metal shielding 2				0.06%		Main: Si P S Ni Cu Zn Sn Au; Other: Cl K Pd Sb Pr; Trace: Al Ca Ti Fe Ge Sr Y Zr.	Reportable: Cu Zn Pd Sn Sb Pr Au; Controlled: Ni.
GF2024-05	24-100 Motorola Smart Phone, XT2427, Main PWB, Metal part				0.14%		Main: Ni Cu Zn; Other: Al Si P S Cl K Mn Fe Sn; Trace: Ca Ti Ga Ge Zr Rh Ba Nd.	Reportable: Al Fe Cu Zn Sn; Controlled: Ni.
GF2024-06	24-100 Motorola Smart Phone, XT2427, Main PWB, Blue thermalpaste				2.42%	TPV	Main: Al; Other: Si P S Cl Ca Fe Y; Trace: K Ti Ni Cu Zn Ga La.	Reportable: Al Fe Y Si P;
GF2024-07	24-100 Motorola Smart Phone, XT2427, Main PWB, Humidity indicator				0.01%	Paper 90% Acrylic 10%	Main: S; Other: Al Si P Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn.	Reportable: Al Fe P;
GF2024-08	24-100 Motorola Smart Phone, XT2427, Main PWB				63.37%		(see x,y-Scan Results)	Controlled: **Pb**.
GF2025-00	24-100 Motorola Smart Phone, XT2427, Top speaker		0.966	0.57%				
GF2025-01	24-100 Motorola Smart Phone, XT2427, Top speaker, Metal frame 1				13.04%		Main: Cr Mn Fe Ni Mo; Other: Si P S Cl K Ca V Co Cu; Trace: Al Ge Nb Rh Sn Sb Ba Ce Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2025-02	24-100 Motorola Smart Phone, XT2427, Top speaker, Metal frame 2				9.01%		Main: S Fe Ni; Other: Si P Cl K Ca Ti Cu Zn; Trace: Al Mn Co Ba Th U.	Reportable: Fe Co Cu; Controlled: Ni.

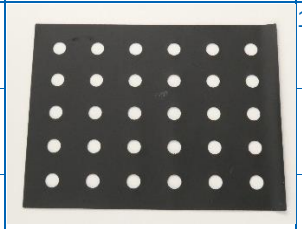
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2025-03	24-100 Motorola Smart Phone, XT2427, Top speaker, Metal plate 1				21.84%		Main: P Fe Ni; Other: Al S Cl K Ca Mn Zn; Trace: Si Ti Cr Y Mo Rh Sn Ba Ce Pr Nd Tl Th.	Reportable: Fe Zn; Controlled: Ni.
GF2025-04	24-100 Motorola Smart Phone, XT2427, Top speaker, Metal plate 2				6.42%		Main: P Fe Ni; Other: S K Ca Mn; Trace: Al Si Cl Cr Sn Nd Th U.	Reportable: Fe; Controlled: Ni.
GF2025-05	24-100 Motorola Smart Phone, XT2427, Top speaker, Membrane plate				0.41%		Main: Al; Other: Si P S Ca Ti V Mn Fe Ni Cu Ga; Trace: Cl K Zn Zr.	Reportable: Al Fe Cu P;
GF2025-06	24-100 Motorola Smart Phone, XT2427, Top speaker, Black cloth part 1				0.21%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Cr Mn Co Cu Zn Sn Sb.	Reportable: Al Fe Co P;
GF2025-07	24-100 Motorola Smart Phone, XT2427, Top speaker, Blue glue				0.21%	PMMA	Other: Al Si P S Cl K Ca Fe Co Ni; Trace: Ti Mn Cu Zn.	Reportable: Al Fe Co Si P;
GF2025-08	24-100 Motorola Smart Phone, XT2427, Top speaker, Black glue strip				0.72%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Mn Ni Cu.	Reportable: Al Fe Zn;
GF2025-09	24-100 Motorola Smart Phone, XT2427, Top speaker, Black cloth part 2				0.10%	PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sn Sb.	Reportable: Al Fe P; Controlled: Ni.
GF2025-10	24-100 Motorola Smart Phone, XT2427, Top speaker, Membrane				0.62%	PEEK	Main: Si; Other: Al P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sn.	Reportable: Al Fe Co Si P;
GF2025-11	24-100 Motorola Smart Phone, XT2427, Top speaker, Black plastic part				3.62%	PA	Main: S; Other: Al Si P Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Sr Zr.	Reportable: Al Fe Si P;
GF2025-12	24-100 Motorola Smart Phone, XT2427, Top speaker, Magnet 1				19.98%		Main: Fe Zn Pr; Other: Al Si S Cl Mn Co Cu Ga Ge Sr Y Zr Nb Mo Ce Nd W U; Trace: Ca Cr Ru Sn Sb Yb Bi Th.	Reportable: Al Fe Co Cu Zn Y Ce Pr Nd W;

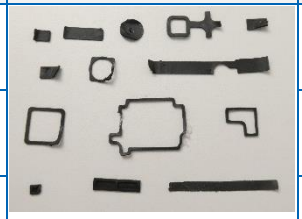
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2025-13	24-100 Motorola Smart Phone, XT2427, Top speaker, Magnets 2				18.32%		Main: Fe Zn Pr; Other: Al Si S Cl Co Ni Cu Ga Ge Y Zr Nb Mo Ce Nd W U; Trace: Ca Cr Mn Ru Rh In Sn Bi Th.	Reportable: Al Fe Co Cu Zn Y Ce Pr Nd W; Controlled: Ni.
GF2025-14	24-100 Motorola Smart Phone, XT2427, Top speaker, Flex				5.49%		(see x,y-Scan Results) Main: Al Si P Cu; Other: S Cl K Ca Co Ni Zr Ag Sn; Trace: Ti Cr Zn Nb Ta.	Reportable: Al Co Cu Ag Sn Si P; Controlled: Ni.
GF2026-00	24-100 Motorola Smart Phone, XT2427, Volume/Power button flex		0.165	0.10%				
GF2026-01	24-100 Motorola Smart Phone, XT2427, Volume/Power button flex				96.97%		(see x,y-Scan Results) Main: Al P S Fe Ni Cu; Other: Si Cl K Ca Ti Cr Mn Co Zr Ag Sn Ba Au; Trace: V Zn Ga Ge Sr Y Nb Mo Cs La.	Reportable: Al Cr Fe Co Cu Ag Sn Ba Au Si P; Controlled: Ni.
GF2026-02	24-100 Motorola Smart Phone, XT2427, Volume/Power button flex, Clear glue strip				3.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni Cu Zn; Trace: Ti Cr Co Zr Sb.	Reportable: Al Fe Co Cu; Controlled: Ni.
GF2027-00	24-100 Motorola Smart Phone, XT2427, Volume button		0.074	0.04%				
GF2027-01	24-100 Motorola Smart Phone, XT2427, Volume button				78.38%	PC	Other: Al Si P S Ca; Trace: Cl K Ti Fe Cu La.	Reportable: Al Si;
GF2027-02	24-100 Motorola Smart Phone, XT2427, Volume button, White plastic parts				21.62%	PBT	Main: S; Other: Al Si P Cl Ca; Trace: K Ti Mn Fe Co Ni Cu.	Reportable: Al Co P;
GF2028-00	24-100 Motorola Smart Phone, XT2427, Power button		0.037	0.02%				
GF2028-01	24-100 Motorola Smart Phone, XT2427, Power button				67.57%	PC	Main: Si; Other: Al P S Cl Ca; Trace: K Ti Mn Fe Cu.	Reportable: Al Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2028-02	24-100 Motorola Smart Phone, XT2427, Power button, White plastic part				32.43%	PBT	Other: Al Si P S Cl Ca Fe; Trace: K Ti Co Ni Cu Zn.	Reportable: Al Fe Co Si P;
GF2029-00	24-100 Motorola Smart Phone, XT2427, Front glass		19.755	11.56%				
GF2029-01	24-100 Motorola Smart Phone, XT2427, Front glass				86.02%		Main: Si; Other: Al P S K Ca Fe Zn Sn; Trace: Cl Ti Mn Cu Ga Rb Zr I Cs W.	Reportable: Al Fe Zn Sn Si P;
GF2029-02	24-100 Motorola Smart Phone, XT2427, Front glass, Back foil				13.98%	PMMA 65% Acrylic 30% ASA 5%	Main: Si; Other: Al P S K Ca Ti Fe Ag I; Trace: Cl Mn Ni Cu Zn Yb.	Reportable: Al Fe Ag Si P;
GF2030-00	24-100 Motorola Smart Phone, XT2427, Display connection flex		1.312	0.77%				
GF2030-01	24-100 Motorola Smart Phone, XT2427, Display connection flex, Metallic glue strip 1				4.73%	PET 90% Acrylic 10%	Main: Si Ni Cu; Other: Al P S K Ca Ti Fe; Trace: Cl Mn Zr Sn Sb Ba Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GF2030-02	24-100 Motorola Smart Phone, XT2427, Display connection flex, Clear glue strip				2.82%	PET 80% Acrylic 20%	Other: Al Si P S K Ca Fe Sb; Trace: Cl Ti Mn Ni Cu Zn Mo Ag.	Reportable: Al Fe Sb P;
GF2030-03	24-100 Motorola Smart Phone, XT2427, Display connection flex, Metallic glue strip 2				0.53%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2030-04	24-100 Motorola Smart Phone, XT2427, Display connection flex, Metallic glue strip 3				0.08%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe Ta; Trace: Cl K Ti Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2030-05	24-100 Motorola Smart Phone, XT2427, Display connection flex, Black glue strip				0.99%	PET 80% Acrylic 20%	Main: S Ni Cu; Other: Al Si P Cl Ca Fe Ba; Trace: K Ti Mn Co Sb.	Reportable: Al Fe Co Cu Ba P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2030-06	24-100 Motorola Smart Phone, XT2427, Display connection flex, Label				0.15%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: V Mn Cu Zn Nb Sb Hf.	Reportable: Al Fe P;
GF2030-07	24-100 Motorola Smart Phone, XT2427, Display connection flex				90.70%		(see x,y-Scan Results) Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Zr Mo Sn Ba Au; Trace: Ga Ge Y Nb Ag I Cs La Ce Tl.	Reportable: Al Cu Sn Ba Au P; Controlled: **Pb** Ni.
GF2031-00	24-100 Motorola Smart Phone, XT2427, Display foils		6.886	4.03%				
GF2031-01	24-100 Motorola Smart Phone, XT2427, Display foils, Black glue strip				0.41%	PET 80% Acrylic 20%	Other: Al Si P S Ca Zn; Trace: Cl K Ti Mn Fe Ni Cu Br Mo Sb.	Reportable: Al;
GF2031-02	24-100 Motorola Smart Phone, XT2427, Display foils, Black glue				1.21%	Acrylic	Other: Al Si P S Cl K Ca Fe Cu; Trace: Co Ni Zn Mo La.	Reportable: Al Fe Co Cu;
GF2031-03	24-100 Motorola Smart Phone, XT2427, Display foils, Copper foil				70.81%	Metal 60% PET 20% Acrylic 20%	Main: Cu; Other: Al Si P S Ca Fe Zn W; Trace: Cl K Ti Cr Mn Ga Zr Ag Sn Sb Tl Bi.	Reportable: Al Fe Cu Zn W Si;
GF2031-04	24-100 Motorola Smart Phone, XT2427, Display foil				27.58%	PET 40% PEI 40% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti Fe Mo Ag; Trace: Mn In.	Reportable: Al Fe Ag Si P;
GF2032-00	24-100 Motorola Smart Phone, XT2427, Metal housing		32.418	18.97%				
GF2032-01	24-100 Motorola Smart Phone, XT2427, Metal housing, Black shock pad 1				0.02%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Co Cu Zn Sr Sb Hf.	Reportable: Al Fe Co Si P; Controlled: Ni.
GF2032-02	24-100 Motorola Smart Phone, XT2427, Metal housing, Black glue strip 1				0.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Cu; Trace: Ti Mn Co Ni Zn Sb Hf.	Reportable: Al Fe Co P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2032-03	24-100 Motorola Smart Phone, XT2427, Metal housing, Black shock pad 2				0.02%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni Cu; Trace: Ti Co Zn Ga Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2032-04	24-100 Motorola Smart Phone, XT2427, Metal housing, Metal plate 1				0.03%		Main: Si P S Ni Cu Sn Au; Other: Al Cl Ge; Trace: Ca Ti Mn Zn Zr Nb Ag Ba La.	Reportable: Al Cu Sn Au; Controlled: Ni.
GF2032-05	24-100 Motorola Smart Phone, XT2427, Metal housing, Metal plate 2				0.03%		Main: P S Ni Cu Sn Au; Other: Al Si Cl Ca Mn Ge Nd; Trace: Ti Zr Ag Pr.	Reportable: Al Cu Sn Nd Au; Controlled: Ni.
GF2032-06	24-100 Motorola Smart Phone, XT2427, Metal housing, Humidity indicator				0.00%	Paper 90% Acrylic 10%	Main: S Ca; Other: Al Si P Cl K Ti Fe Ni Cu; Trace: Mn Co Zn Sn.	Reportable: Al Fe Co Cu Si P;
GF2032-07	24-100 Motorola Smart Phone, XT2427, Metal housing, Black plastic part				18.52%	PC	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: Cr Cu Sr Zr Ba.	Reportable: Al Fe Si P;
GF2032-08	24-100 Motorola Smart Phone, XT2427, Metal housing				81.35%		Main: Al Si; Other: P S Cl K Ca Cr Mn Fe Cu Zn; Trace: Ti V Ni Ga Sr Zr.	Reportable: Al Cr** Fe Cu Zn;
GF2033-00	24-100 Motorola Smart Phone, XT2427, Black glue 1-6		0.896	0.52%				
GF2033-01	24-100 Motorola Smart Phone, XT2427, Black glue 1				19.75%	Acrylic	Other: Al Si P S Cl K Ca; Trace: Fe Cu Ce.	Reportable: Al Si;
GF2033-02	24-100 Motorola Smart Phone, XT2427, Black glue 2				39.73%	Acrylic	Other: Al Si P S K Ca Cr Zn; Trace: Cl Fe Ni Cu.	Reportable: Al Cr Si;
GF2033-03	24-100 Motorola Smart Phone, XT2427, Black glue 3				1.67%	Acrylic	Other: Al Si P S K Ca Fe Cu Zn Ba; Trace: Cl Cr Ni Sr Y Zr Mo Sn Yb Hf.	Reportable: Al Fe Cu Zn Ba;
GF2033-04	24-100 Motorola Smart Phone, XT2427, Black glue 4				2.68%	Acrylic	Other: Al Si P S Cl K Ca Cr Fe Cu Zn; Trace: Mn Ni Ce Yb.	Reportable: Al Cr Fe Cu Zn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2033-05	24-100 Motorola Smart Phone, XT2427, Black glue 5				11.38%	PUR	Other: Al Si P S Ca Fe Ni; Trace: Cl K Ti Mn Cu Zn.	Reportable: Al Fe P;
GF2033-06	24-100 Motorola Smart Phone, XT2427, Black glue 6				24.78%	Acrylic	Other: Al Si P S Ca Fe Cu; Trace: Cl K Ti Ni Zn Zr Ce Hf.	Reportable: Al Fe Cu;
GF2034-00	24-100 Motorola Smart Phone, XT2427, Black glue strip 1-7		1.923	1.13%				
GF2034-01	24-100 Motorola Smart Phone, XT2427, Black glue strip 1				1.51%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: Cl K Mn Co Ni Cu Zn Sb.	Reportable: Al Fe Co;
GF2034-02	24-100 Motorola Smart Phone, XT2427, Black glue strip 2				0.05%	Acrylic	Other: Al Si P S Cl K Ca Mn Fe Ni Zn; Trace: Ti Cu Hf.	Reportable: Al Fe Zn Si P;
GF2034-03	24-100 Motorola Smart Phone, XT2427, Black glue strip 3				3.85%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca; Trace: K Fe Ni Cu Sb.	Reportable: Al P;
GF2034-04	24-100 Motorola Smart Phone, XT2427, Black glue strip 4				4.73%	PET 80% Acrylic 20%	Main: Fe Ni Cu Zn; Other: Al Si P S Ca Mn Co Ta W; Trace: Cl K Cr Ga Sb Ba.	Reportable: Al Fe Co Cu Zn W P; Controlled: Ni.
GF2034-05	24-100 Motorola Smart Phone, XT2427, Black glue strip 5				32.09%	PET 80% Acrylic 20%	Other: Al Si P S Ca; Trace: K Fe Ni Cu Sb Ba.	Reportable: Al;
GF2034-06	24-100 Motorola Smart Phone, XT2427, Black glue strip 6				57.72%	PET 80% Acrylic 20%	Other: Al Si P S K Ca; Trace: Cl Fe Ni Cu Sb.	Reportable: Al Si P;
GF2034-07	24-100 Motorola Smart Phone, XT2427, Black glue strip 7				0.05%	Acrylic	Other: Al Si P S Cl Ca Fe Ni; Trace: K Mn Cu Zn.	Reportable: Al Fe Si P;
GF2035-00	24-100 Motorola Smart Phone, XT2427, Black shock pad 1-15		1.587	0.93%				
GF2035-01	24-100 Motorola Smart Phone, XT2427, Black shock pad 1				86.07%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Ca; Trace: Cl K Fe Ni Zn Ga Sb La.	Reportable: Al Si;
GF2035-02	24-100 Motorola Smart Phone, XT2427, Black shock pad 2				0.50%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S K Ca Fe; Trace: Cl Mn Ni Cu Zn Sb.	Reportable: Al Fe;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2035-03	24-100 Motorola Smart Phone, XT2427, Black shock pad 3				0.88%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni Zn; Trace: K Mn Cu Ga Sb.	Reportable: Al Fe Zn; Controlled: Ni.
GF2035-04	24-100 Motorola Smart Phone, XT2427, Black shock pad 4				1.01%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Fe Ni; Trace: Cl K Mn Cu Zn Sr Sb.	Reportable: Al Fe; Controlled: Ni.
GF2035-05	24-100 Motorola Smart Phone, XT2427, Black shock pad 5				1.83%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S K Fe Ni; Trace: Cl Ti Mn Cu Sr Sb.	Reportable: Al Fe P;
GF2035-06	24-100 Motorola Smart Phone, XT2427, Black shock pad 6				0.63%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni Cu; Trace: Cr Mn Zn Sr Sb.	Reportable: Al Fe Cu;
GF2035-07	24-100 Motorola Smart Phone, XT2427, Black shock pad 7				0.57%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Mn Fe Ni; Trace: Ti Cr Co Cu Zn Sr Sb.	Reportable: Al Fe Co P;
GF2035-08	24-100 Motorola Smart Phone, XT2427, Black shock pad 8				0.44%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S K Ca Fe Ni; Trace: Cl Ti Cr Mn Co Cu Zn Ga Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2035-09	24-100 Motorola Smart Phone, XT2427, Black shock pad 9				3.53%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Cr Mn Cu Sr Sb.	Reportable: Al Fe Si P;
GF2035-10	24-100 Motorola Smart Phone, XT2427, Black shock pad 10				0.76%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Co Ni Cu Zn Sb.	Reportable: Al Fe Co Si P;
GF2035-11	24-100 Motorola Smart Phone, XT2427, Black shock pad 11				1.70%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Co Cu Zn Sr Sn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GF2035-12	24-100 Motorola Smart Phone, XT2427, Black shock pad 12				0.57%	PUR 50% PET 30% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Sr Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GF2035-13	24-100 Motorola Smart Phone, XT2427, Black shock pad 13				0.19%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni Cu; Trace: K Ti Mn Sb Hf.	Reportable: Al Fe P;
GF2035-14	24-100 Motorola Smart Phone, XT2427, Black shock pad 14				0.69%	PUR 50% PET 30% Acrylic 20%	Other: Al Si P S Ca Ti Mn Fe; Trace: Cl K Ni Cu Zn Sb.	Reportable: Al Fe P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2035-15	24-100 Motorola Smart Phone, XT2427, Black shock pad 15				0.63%	PUR 45% PET 45% Acrylic 10%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Co Cu Zn Sr Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GF2036-00	24-100 Motorola Smart Phone, XT2427, Label 1-4		0.015	0.01%				
GF2036-01	24-100 Motorola Smart Phone, XT2427, Label 1				20.00%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: V Mn Cu Zn Zr Nb Sb Hf W.	Reportable: Al Fe P;
GF2036-02	24-100 Motorola Smart Phone, XT2427, Label 2				33.33%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Br Sr Sn Sb.	Reportable: Al Fe P;
GF2036-03	24-100 Motorola Smart Phone, XT2427, Label 3				33.33%	Paper 80% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe; Trace: Ti Mn Ni Cu Zn Sr Hf.	Reportable: Al Fe Si P;
GF2036-04	24-100 Motorola Smart Phone, XT2427, Label 4				13.33%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Mn Fe Ni; Trace: V Cu Zn Zr Nb Sb Hf.	Reportable: Al Fe P;
GF2037-00	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 1-6		0.148	0.09%				
GF2037-01	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 1				2.70%	PET 60% PUR 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2037-02	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 2				5.41%	PET 60% TPU 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Fe; Trace: K Mn Y Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2037-03	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 3				6.76%	PET 60% PUR 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Ti Fe; Trace: K Mn Ga Zr Sn Sb I Ba Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2037-04	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 4				77.03%	PET 40% TPU 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Fe; Trace: K Mn Ga Y Zr Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GF2037-05	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 5				7.43%	PET 40% TPU 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe; Trace: Cl K Mn Sn Sb.	Reportable: Al Fe Cu; Controlled: Ni.
GF2037-06	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 6				0.68%	PET 40% TPU 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe; Trace: Cl K Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2038-00	24-100 Motorola Smart Phone, XT2427, Clear glue strip 1-3		0.354	0.21%				
GF2038-01	24-100 Motorola Smart Phone, XT2427, Clear glue strip 1				2.26%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Cu Sb.	Reportable: Al Fe P;
GF2038-02	24-100 Motorola Smart Phone, XT2427, Clear glue strip 2				97.46%	PET 80% Acrylic 20%	Other: Al Si P S Ca; Trace: Cl K Fe Cu Zn Sb.	Reportable: Al;
GF2038-03	24-100 Motorola Smart Phone, XT2427, Clear glue strip 3				0.28%	PET 80% Acrylic 20%	Main: P; Other: Al Si S K Ca Fe Ni; Trace: Cl Ti Cr Mn Cu Zn Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GF2039-00	24-100 Motorola Smart Phone, XT2427, Screws, Metal part		0.829	0.49%				
GF2039-01	24-100 Motorola Smart Phone, XT2427, Black screws 1				41.38%		Main: P Ca Fe Zn; Other: Al Si S Cl K Ti Cr Mn Co Ni Cu Mo; Trace: V Ge Y Ba La Tl.	Reportable: Cr** Fe Co Cu Zn;
GF2039-02	24-100 Motorola Smart Phone, XT2427, Black screws 2				51.99%		Main: P Fe Zn; Other: Al Si S Cl K Cr Mn Co Cu Mo; Trace: Ca Ti Ni Ga Ge Zr Ru Cs Ba La Pr Tl.	Reportable: Al Cr** Fe Co Cu Zn;
GF2039-03	24-100 Motorola Smart Phone, XT2427, Silver screws				2.90%		Main: P S Cr Fe Ni Cu; Other: Si Cl K Ca V Mn Co Zn Mo Ba Th; Trace: Al Ti Ge Y Zr Nb Sb Cs U.	Reportable: Cr Fe Co Cu Zn Ba; Controlled: Ni.
GF2039-04	24-100 Motorola Smart Phone, XT2427, Metal part				3.74%		Main: S Fe Ni; Other: Si P Cl K Ca Cr Co Cu Zn Mo Th U; Trace: Al Ti Mn Ge Y Zr Nb Sb Ba Bi.	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
GF2040-00	24-100 Motorola Smart Phone, XT2427, Copper, Orange glue strip		0.510	0.30%				
GF2040-01	24-100 Motorola Smart Phone, XT2427, Copper glue strip				85.29%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe; Trace: Cl K Mn Ga Se Ru Ag Sn Sb Tl U.	Reportable: Al Fe Cu; Controlled: Ni.
GF2040-02	24-100 Motorola Smart Phone, XT2427, Orange glue strip				14.71%	PAI 80% Silicone 20%	Other: Al Si P S Ca; Trace: Cl K Fe Ni Cu Zr Sn.	Reportable: Al;
GF2041-00	24-100 Motorola Smart Phone, XT2427, Thermal paste		0.577	0.34%		TPV	Main: Al Si; Other: P Ca Fe Y; Trace: S K Ti V Ni Zn Ga Nb.	Reportable: Al Fe Y Si P;
GF2042-00	24-100 Motorola Smart Phone, XT2427, Black Rubber, Plastic parts		0.125	0.07%				
GF2042-01	24-100 Motorola Smart Phone, XT2427, Black rubber part				35.20%	Silicone	Main: Si; Other: P S Cl K Ca Fe Zn; Trace: Ti Ni Zr Ba.	Reportable: Fe Zn Si P;
GF2042-02	24-100 Motorola Smart Phone, XT2427, Black plastic parts				58.40%	PC	Main: Ca; Other: Al Si P S K Ti Fe Zn; Trace: Cl Mn Ni Sr Zr Ba.	Reportable: Al Fe Si P;
GF2042-03	24-100 Motorola Smart Phone, XT2427, Black plastic plates				6.40%	PET	Other: Al Si P S Cl K Ca Fe Cu Sb; Trace: Ti Mn Co Ni.	Reportable: Al Fe Co Sb P;

[1] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Cd, Cr and are also REACH relevant substances

[2] The concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials where the homogenous material weighs less than 0.02 g.

[3] Not enough sample material for PFAS testing.

* Brominated Flame Retardants (other than PBBs or PBDEs)

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

** Sample tested for CrVI by colorimetric method.

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

4 Results EDXRF Scan

Results x,y Scan Sample GF2006-09

Bromine
Not detected
Lead
Not detected

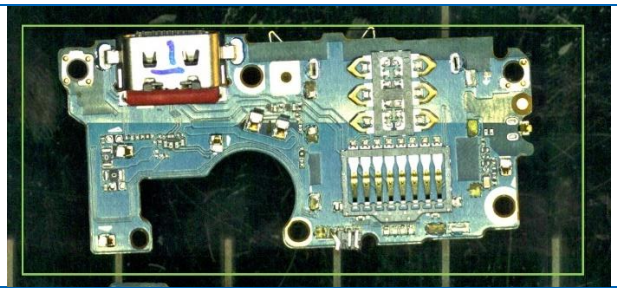
Results x,y Scan Sample GF2008-01

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2009-00

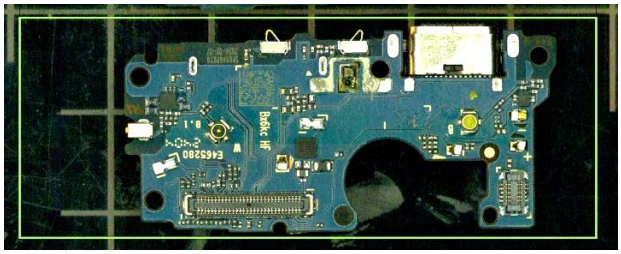
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2015-10 Top



Bromine
Not detected
Lead

Results x,y Scan Sample GF2015-10 Bottom



Bromine
Not detected
Lead

Results x,y Scan Sample GF2018-00 Top

Bromine
Not detected
Lead
Not detected

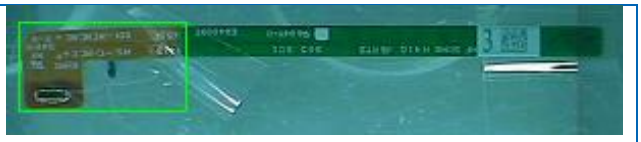
Results x,y Scan Sample GF2018-00 Bottom

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2019-01 Top

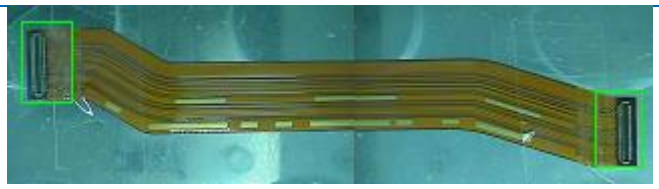
Bromine
Not detected
Lead

Results x,y Scan Sample GF2019-01 Bottom



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2020-00

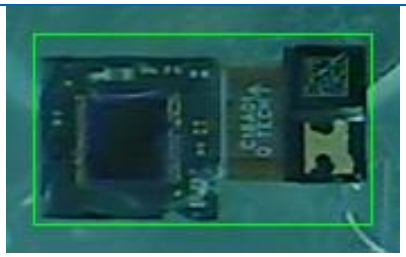


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2021-08

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2022-14 Top

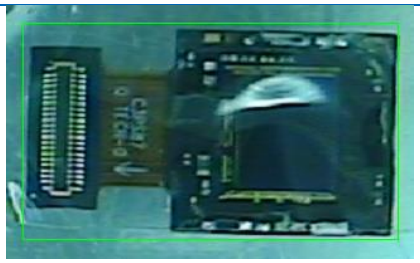


Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2022-14 Bottom

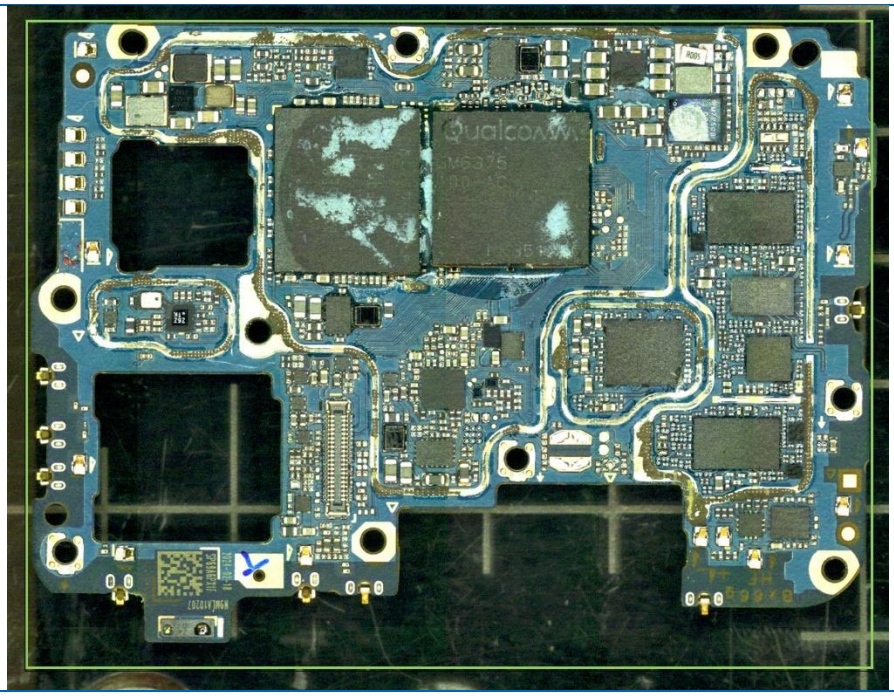
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2023-20



Bromine
Not detected
Lead
Not detected

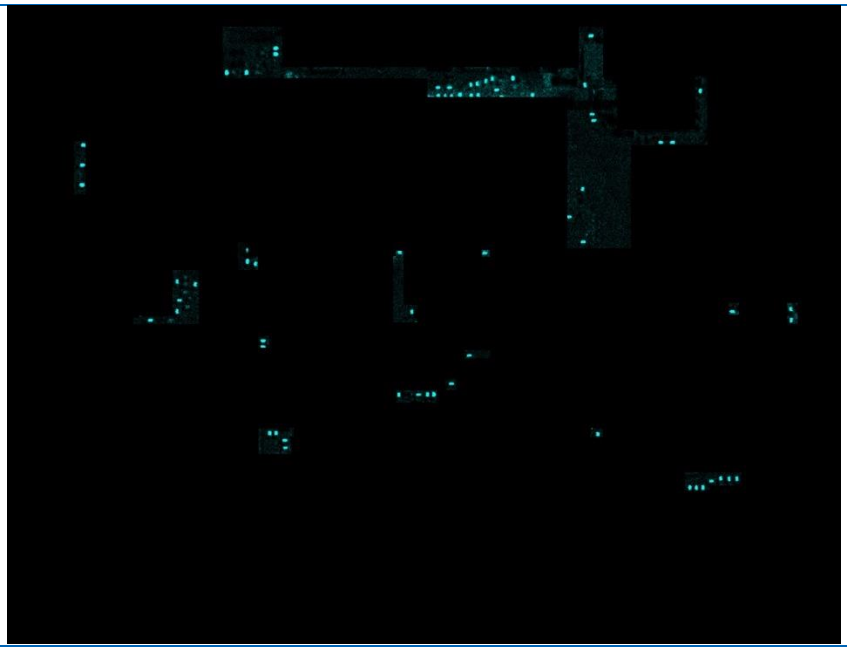
Results x,y Scan Sample GF2024-08 Top



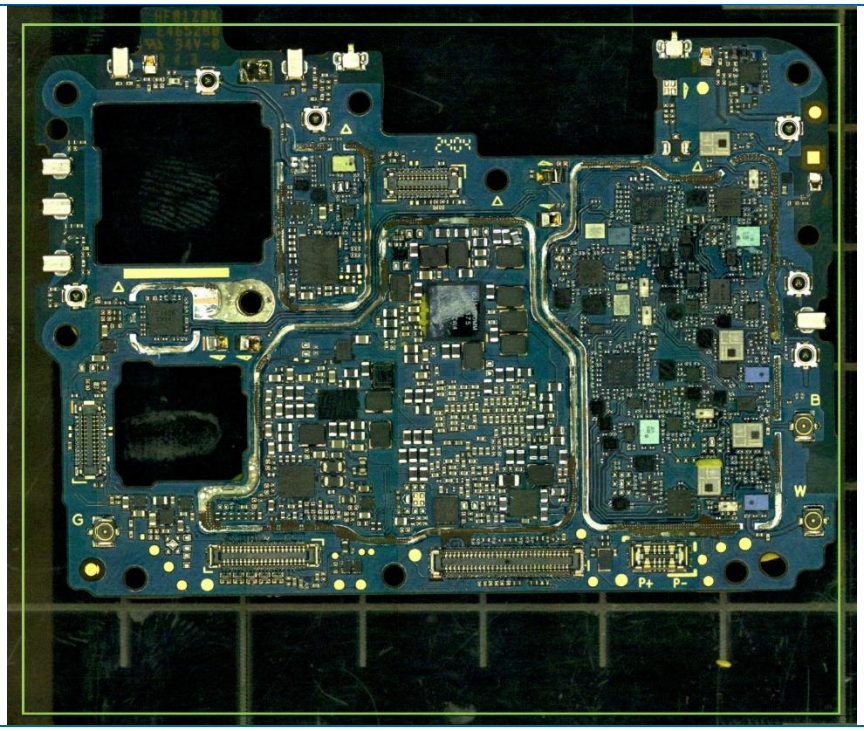
Bromine

Not detected

Lead



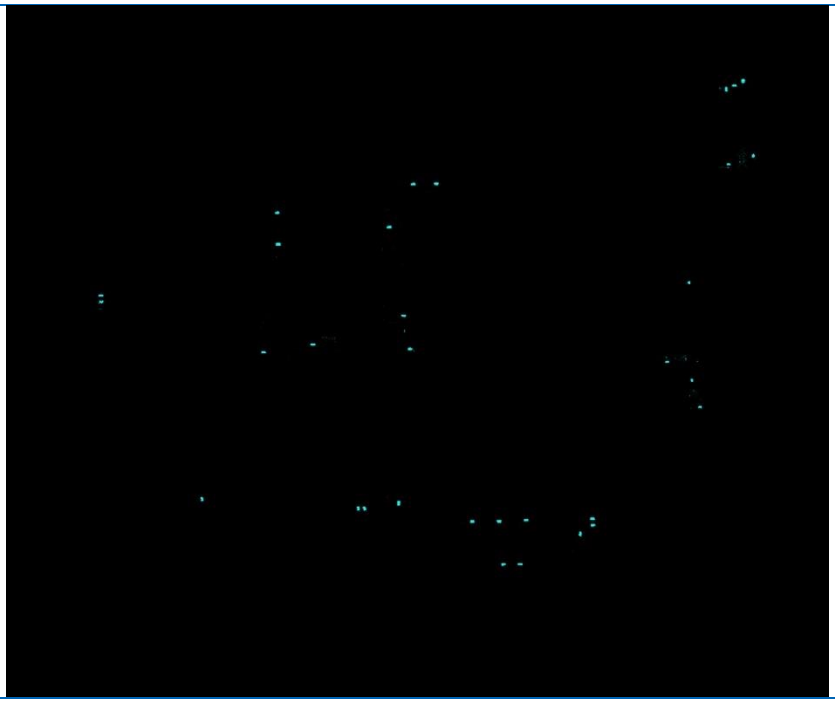
Results x,y Scan Sample GF2024-08 Bottom



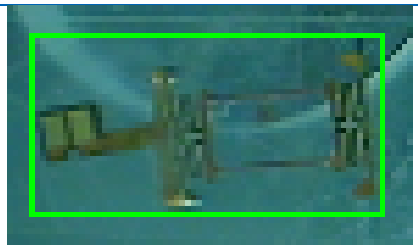
Bromine

Not detected

Lead



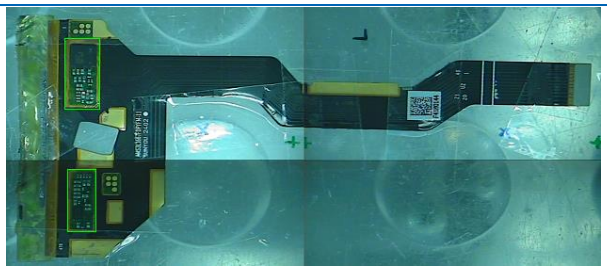
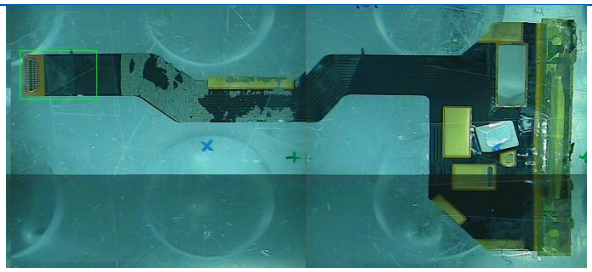
Results x,y Scan Sample GF2025-14



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2026-01

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2030-07 Top	Results x,y Scan Sample GF2030-07 Bottom
	
Bromine	Bromine
Not detected	Not detected
Lead	Lead
	Not detected

5 Summary REACH 1907/2006/EC screening results

According to §33 Reach information needs to be provided within the supply chain if the concentration of a SVHC substance calculated for the article is higher than 0.1 %. The table below summarizes the organic substances detected with concentrations > 0.1% calculated for the articles according to SVHC substance list dated January 23th, 2024, Annex XIV List dated April 08th, 2022 and Annex XVII List dated December 12th, 2023.

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

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

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

The following substances were detected in the samples.

Artikel / *Article*	**Probennr. / *Sample Number***	**Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected***	**Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected***	**Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected****	**Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]***	**Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]***	**SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)**
Smart Phone, Model Number XT2427	GG1359	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.003	<0.001	**N**
		-	-	2-(2-butoxyethoxy)ethanol (DEGBE) (CAS: 112-34-5) (Entry 55)	0.001	<0.001	-
	GG1360	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.012	0.001	**N**
		2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) (CAS: 3147-75-9)	-	-	0.025	0.002	**N**
	GG1361	Dodecamethylcyclo-hexasiloxane (D6) (CAS: 540-97-6)	-	-	0.001	<0.001	**N**
		1-Methyl-2-pyrrolidone (CAS: 872-50-4)	-	N-methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (Entry 30) 1-methyl-2-pyrrolidone (NMP) (Entry 71) N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP) (Entry 72)	0.002	<0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56) 4,4'-Methylenediphenyl diisocyanate (Entry 74)	0.004	<0.001	-

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1]/ *Substance Concentration in Fraction (% w/w)[1]*	Substanz Konzentration im Artikel (% w/w)[2]/ *Substance concentration in article (% w/w)[2]*	SVHC > 0.1% Berichts-pflichtig[2]/ *SVHC > 0.1% Reporting required?[2]* (Y/N/ Risk)
	GG1362	1-Methyl-2-pyrrolidone (CAS: 872-50-4)	-	N-methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (Entry 30) 1-methyl-2-pyrrolidone (NMP) (Entry 71) N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP) (Entry 72)	0.001	<0.001	**N**
	GG1363	-	-	-	-	-	-
	GG1364	Furan (CAS: 110-00-9)	-	Furan (CAS: 110-00-9) (Entry 28)	0.001	<0.001	**N**
	GG1365	Dodecamethylcyclo-hexasiloxane (D6) (CAS: 540-97-6)	-	-	0.001	<0.001	**N**
		4-tert-butylphenol [4], (CAS: 98-54-4)	-	-	0.012	<0.001	**N**
	GG1366	-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56) 4,4'-Methylenediphenyl diisocyanate (Entry 74)	0.011	<0.001	-
	GG1367	-	-	Toluene (CAS: 108-88-3) (Entry 48)	0.002	<0.001	-
		4-methyl-m-phenylenediamine (2,4-Diaminotoluene) (CAS: 95-80-7)	-	2,4-Toluenediamine (Entry 28)	0.032	<0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.010	<0.001	**N**

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1]/ *Substance Concentration in Fraction (% w/w)[1]*	Substanz Konzentration im Artikel (% w/w)[2]/ *Substance concentration in article (% w/w)[2]*	SVHC > 0.1% Berichts-pflichtig[2]/ *SVHC > 0.1% Reporting required?[2]* (Y/N/ Risk)
	GG1367	-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.030	<0.001	-
	GG1368	-	-	-	-	-	-
	GG1369	Dodecamethylcyclo-hexasiloxane (D6) (CAS: 540-97-6)	-	-	0.002	<0.001	**N**
		1-Methyl-2-pyrrolidone (CAS: 872-50-4)	-	N-methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (Entry 30) 1-methyl-2-pyrrolidone (NMP) (Entry 71) N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP) (Entry 72)	0.001	<0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56) 4,4'-Methylenediphenyl diisocyanate (Entry 74)	0.007	<0.001	-
	GG1370	1-Methyl-2-pyrrolidone (CAS: 872-50-4)	-	N-methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (Entry 30) 1-methyl-2-pyrrolidone (NMP) (Entry 71) N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone (NMP) (Entry 72)	0.002	<0.001	**N**
	GG1370	2-methyl-1-(4-methylthiophenyl)-2-	-	-	0.005	<0.001	**N**

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1]/ *Substance Concentration in Fraction (% w/w)[1]*	Substanz Konzentration im Artikel (% w/w)[2]/ *Substance concentration in article (% w/w)[2]*	SVHC > 0.1% Berichts-pflichtig[2]/ *SVHC > 0.1% Reporting required?[2]* (Y/N/ Risk)
		morpholinopropan-1-one (CAS: 71868-10-5)					
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.007	<0.001	-
	GG1371	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.007	<0.001	**N**
		-	-	Hexamethylene diisocyanate (CAS: 822-06-0) (Entry 74)	0.004	<0.001	-
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56) 4,4'-Methylenediphenyl diisocyanate (Entry 74)	0.003	<0.001	-
	GG1372	Dodecamethylcyclo-hexasiloxane (D6) (CAS: 540-97-6)	-	-	0.001	<0.001	**N**
		4-methyl-m-phenylenediamine (2,4-Diaminotoluene) (CAS: 95-80-7)	-	2,4-Toluenediamine (Entry 28)	0.005	<0.001	**N**
		-	-	Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.015	<0.001	-

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1]/ *Substance Concentration in Fraction (% w/w)[1]*	Substanz Konzentration im Artikel (% w/w)[2]/ *Substance concentration in article (% w/w)[2]*	SVHC > 0.1% Berichts-pflichtig[2]/ *SVHC > 0.1% Reporting required?[2]* (Y/N/ Risk)
	GG1373	4-methyl-m-phenylenediamine (2,4-Diaminotoluene) (CAS: 95-80-7)	-	2,4-Toluenediamine (Entry 28)	0.008	<0.001	**N**
		-	-	2-methyl-m-phenylene diisocyanate (2,6- TDI) (CAS: 91-08-7) (Entry 74)	0.027	<0.001	-
	GG1374	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one (CAS: 36861-47-9)	-	-	0.002	<0.001	**N**
		-	-	4-methyl-m-phenylene diisocyanate (2,4-TDI) (CAS: 584-84-9) (Entry 74)	0.003	<0.001	-
	GG1375	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.005	<0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56) 4,4'-Methylenediphenyl diisocyanate (Entry 74)	0.005	<0.001	-
	GG1376	4-tert-butylphenol [4], (CAS: 98-54-4)	-	-	0.008	<0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.006	<0.001	**N**
	GG1377	4-tert-butylphenol [4], (CAS: 98-54-4)	-	-	0.011	<0.001	**N**

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]*	Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]*	SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)
	GG1377	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.004	<0.001	**N**
	GG1378	4-tert-butylphenol [4)], (CAS: 98-54-4)	-	-	0.004	<0.001	**N**
	GG1379	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.004	<0.001	**N**
		-	-	4-methyl-m-phenylene diisocyanate (2,4-TDI) (CAS: 584-84-9) (Entry 74)	0.002	<0.001	-
	GG1380	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.003	<0.001	**N**
	GG1381	Bis(2-(2-methoxyethoxy)ethyl) ether (CAS: 143-24-8)	-	-	0.002	<0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.003	<0.001	**N**
	GG1382	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one (CAS: 71868-10-5)	-	-	0.003	<0.001	**N**
	GG1383	-	-	-	-	-	-

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

5.2 List of SVHC and Annex XIV substances

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

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

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

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

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

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

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

5.3 List of REACH Annex XVII substances

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

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

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

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

6 Test Results PAH

PAK / PAH*	GG1359	GG1360
Benz[a]anthracene (mg/kg)	ND	ND
Chrysene (mg/kg)	ND	ND
Benzo[b]fluoranthene (mg/kg)	ND	ND
Benzo[k]fluoranthene (mg/kg)	ND	ND
Benzo[j]fluoranthene (mg/kg)	ND	ND
Benzo[e]pyrene (mg/kg)	ND	ND
Benzo[a]pyrene (mg/kg)	ND	ND
Dibenz[a,h]anthracene (mg/kg)	ND	ND
1907/2006/EG Anhang XVII Nr. 50 (REACH) ***1907/2006/EC REACH Annex XVII Entry 50***	**Pass**	**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]
24-100 Motorola Smart Phone, XT2427	170.93	0.36	GG1359	GF2003-03	24-100 Motorola Smart Phone, XT2427, Sim Card holder, Black plastic part	0.12%	0.21
				GF2005-00	24-100 Motorola Smart Phone, XT2427, Flashlight	0.04%	0.07
				GF2027-01	24-100 Motorola Smart Phone, XT2427, Volume button	0.03%	0.06
				GF2028-01	24-100 Motorola Smart Phone, XT2427, Power button	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]
24-100 Motorola Smart Phone, XT2427	170.93	13.55	GG1360	GF2004-00	24-100 Motorola Smart Phone, XT2427, Backside cover	4.41%	7.54
				GF2032-07	24-100 Motorola Smart Phone, XT2427, Metal housing, Black plastic part	3.51%	6.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.14	GG1361	GF2019-04	24-100 Motorola Smart Phone, XT2427, Battery, Black shock pad 1	0.03%	0.05
				GF2019-06	24-100 Motorola Smart Phone, XT2427, Battery, Black shock pad 2	0.03%	0.05
				GF2019-11	24-100 Motorola Smart Phone, XT2427, Battery, Blue glue strips	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.42	GG1362	GF2019-02	24-100 Motorola Smart Phone, XT2427, Battery, Yellow glue strip 1	0.06%	0.10
				GF2019-03	24-100 Motorola Smart Phone, XT2427, Battery, Yellow glue strip 2	0.09%	0.15
				GF2019-13	24-100 Motorola Smart Phone, XT2427, Battery, Green glue strips with silver foil	0.10%	0.17

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	4.12	GG1363	GF2019-08	24-100 Motorola Smart Phone, XT2427, Battery, White foil	2.41%	4.12

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	43.02	GG1364	GF2019-19	24-100 Motorola Smart Phone, XT2427, Battery, Carbon coating	25.17%	43.02

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.07	GG1365	GF2014-04	24-100 Motorola Smart Phone, XT2427, White connection cable, Outer cable jacket	0.02%	0.03
				GF2017-01	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Outer cable jacket	0.01%	0.02
				GF2017-04	24-100 Motorola Smart Phone, XT2427, Gray connection cable, Inner cable jacket	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.08	GG1366	GF2035-05	24-100 Motorola Smart Phone, XT2427, Black shock pad 5	0.02%	0.03
				GF2035-11	24-100 Motorola Smart Phone, XT2427, Black shock pad 11	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.09	GG1367	GF2012-02	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2, Black glue	0.02%	0.03
				GF2031-01	24-100 Motorola Smart Phone, XT2427, Display foils, Black glue strip	0.02%	0.03
				GF2034-01	24-100 Motorola Smart Phone, XT2427, Black glue strip 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]
24-100 Motorola Smart Phone, XT2427	170.93	0.11	GG1368	GF2013-04	24-100 Motorola Smart Phone, XT2427, Black connection cable, Black cable jacket	0.02%	0.04
				GF2013-06	24-100 Motorola Smart Phone, XT2427, Black connection cable, White inner cable jacket	0.02%	0.04
				GF2014-06	24-100 Motorola Smart Phone, XT2427, White connection cable, Inner cable jacket	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.14	GG1369	GF2030-02	24-100 Motorola Smart Phone, XT2427, Display connection flex, Clear glue strip	0.02%	0.04
				GF2035-09	24-100 Motorola Smart Phone, XT2427, Black shock pad 9	0.03%	0.06
				GF2042-01	24-100 Motorola Smart Phone, XT2427, Black rubber part	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.21	GG1370	GF2030-01	24-100 Motorola Smart Phone, XT2427, Display connection flex, Metallic glue strip 1	0.04%	0.06
				GF2034-03	24-100 Motorola Smart Phone, XT2427, Black glue strip 3	0.04%	0.07
				GF2040-02	24-100 Motorola Smart Phone, XT2427, Orange glue strip	0.04%	0.08

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.28	GG1371	GF2031-02	24-100 Motorola Smart Phone, XT2427, Display foils, Black glue	0.05%	0.08
				GF2033-05	24-100 Motorola Smart Phone, XT2427, Black glue 5	0.06%	0.10
				GF2034-04	24-100 Motorola Smart Phone, XT2427, Black glue strip 4	0.05%	0.09

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.35	GG1372	GF2015-02	24-100 Motorola Smart Phone, XT2427, SUB PWB, Black rubber part	0.07%	0.12
				GF2024-01	24-100 Motorola Smart Phone, XT2427, Main PWB, Black glue strip	0.07%	0.11
				GF2037-04	24-100 Motorola Smart Phone, XT2427, Metallic shock pad 4	0.07%	0.11

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.74	GG1373	GF2033-01	24-100 Motorola Smart Phone, XT2427, Black glue 1	0.10%	0.18
				GF2033-06	24-100 Motorola Smart Phone, XT2427, Black glue 6	0.13%	0.22
				GF2038-02	24-100 Motorola Smart Phone, XT2427, Clear glue strip 2	0.20%	0.35

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	2.08	GG1374	GF2033-02	24-100 Motorola Smart Phone, XT2427, Black glue 2	0.21%	0.36
				GF2034-05	24-100 Motorola Smart Phone, XT2427, Black glue strip 5	0.36%	0.62
				GF2034-06	24-100 Motorola Smart Phone, XT2427, Black glue strip 6	0.65%	1.11

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	6.03	GG1375	GF2029-02	24-100 Motorola Smart Phone, XT2427, Front glass, Back foil	1.62%	2.76
				GF2031-04	24-100 Motorola Smart Phone, XT2427, Display foil	1.11%	1.90
				GF2035-01	24-100 Motorola Smart Phone, XT2427, Black shock pad 1	0.80%	1.37

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.27	GG1376	GF2008-02	24-100 Motorola Smart Phone, XT2427, Fingerprint sensor, Black plastic part	0.02%	0.03
				GF2016-09	24-100 Motorola Smart Phone, XT2427, Vibra call, Flex	0.01%	0.01
				GF2021-02	24-100 Motorola Smart Phone, XT2427, Front camera, Black plastic frame	0.02%	0.03
				GF2021-06	24-100 Motorola Smart Phone, XT2427, Front camera, Lenses	0.02%	0.04
				GF2022-03	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic frame 1	0.02%	0.04
				GF2022-04	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic frame 2	0.01%	0.03
				GF2023-06	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 4	0.03%	0.04
				GF2025-11	24-100 Motorola Smart Phone, XT2427, Top speaker, Black plastic part	0.02%	0.04
				GF2027-02	24-100 Motorola Smart Phone, XT2427, Volume button, White plastic parts	0.01%	0.02
				GF2028-02	24-100 Motorola Smart Phone, XT2427, Power button, White plastic part	0.01%	0.01

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.69	GG1377	GF2015-08	24-100 Motorola Smart Phone, XT2427, SUB PWB, Black plastic part	0.03%	0.06
				GF2021-01	24-100 Motorola Smart Phone, XT2427, Front camera, Black plastic lenses housing	0.03%	0.05
				GF2022-02	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Black plastic lenses housing	0.05%	0.08
				GF2022-12	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Lenses	0.03%	0.05
				GF2023-03	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 1	0.03%	0.06
				GF2023-04	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 2	0.05%	0.08
				GF2023-05	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic frame 3	0.03%	0.05
				GF2023-07	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Black plastic lenses housing	0.07%	0.12
				GF2023-13	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Lenses	0.04%	0.07
				GF2042-02	24-100 Motorola Smart Phone, XT2427, Black plastic parts	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]
24-100 Motorola Smart Phone, XT2427	170.93	7.14	GG1378	GF2006-03	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Black plastic part	0.06%	0.11
				GF2007-03	24-100 Motorola Smart Phone, XT2427, Black plastic cover	0.65%	1.11
				GF2010-00	24-100 Motorola Smart Phone, XT2427, Antenna Flex	0.13%	0.22
				GF2012-03	24-100 Motorola Smart Phone, XT2427, Black plastic cover 2	2.80%	4.78
				GF2024-06	24-100 Motorola Smart Phone, XT2427, Main PWB, Blue thermalpaste	0.20%	0.34
				GF2041-00	24-100 Motorola Smart Phone, XT2427, Thermal paste	0.34%	0.58

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.63	GG1379	GF2019-01	24-100 Motorola Smart Phone, XT2427, Battery, PWB	0.37%	0.63

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	0.36	GG1380	GF2006-09	24-100 Motorola Smart Phone, XT2427, Bottom speaker, Flex	0.07%	0.11
				GF2021-08	24-100 Motorola Smart Phone, XT2427, Front camera, Flex	0.07%	0.12
				GF2022-14	24-100 Motorola Smart Phone, XT2427, Rear camera 1, Flex	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]
24-100 Motorola Smart Phone, XT2427	170.93	0.82	GG1381	GF2009-00	24-100 Motorola Smart Phone, XT2427, Flashlight PWB	0.13%	0.23
				GF2023-20	24-100 Motorola Smart Phone, XT2427, Rear camera 2, Flex	0.25%	0.44
				GF2026-01	24-100 Motorola Smart Phone, XT2427, Volume/Power button flex	0.09%	0.16

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	2.15	GG1382	GF2020-00	24-100 Motorola Smart Phone, XT2427, Connection flex	0.56%	0.96
				GF2030-07	24-100 Motorola Smart Phone, XT2427, Display connection flex	0.70%	1.19

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
24-100 Motorola Smart Phone, XT2427	170.93	10.55	GG1383	GF2015-10	24-100 Motorola Smart Phone, XT2427, SUB PWB	0.96%	1.64
				GF2024-08	24-100 Motorola Smart Phone, XT2427, Main PWB	5.21%	8.91

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