



VDE Prüfbericht / VDE Test Report

Prüfbericht Nr. <i>Report No.</i>	292781-TL7-1
VDE-Aktenzeichen <i>VDE File No.</i>	5022428-9021-0058/292781
Ausstellungsdatum <i>Date of issue</i>	2022-02-28
Labor <i>Laboratory</i>	VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute
Adresse <i>Address</i>	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüfort / Adresse <i>Testing location/ address</i>	VDE Prüf- und Zertifizierungsinstitut GmbH
Auftraggeber <i>Applicant's name</i>	Motorola Mobility LLC
Auftraggeber Adresse <i>Applicant's address</i>	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA
Angewandte Norm(en) <i>Applied standard(s)</i>	Motorola W18 E 2011/65/EU & 2015/863/EU(RoHS) 1907/2006/EC § 33 (REACH, SVHC) 1907/2006/EC Annex XIV (REACH, Authorisation List) 1907/2006/EC Annex XVII (REACH, List of restrictions)
Art der Prüflinge <i>Test item description</i>	Smart Phone
Warenzeichen <i>Trade Mark</i>	Motorola/Lenovo
Typenbezeichnungen(en) <i>Type reference(s)</i>	Model: XT2203 Series S/N: N2DR130487
Bemessungsdaten <i>Ratings</i>	

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Haftungsausschluss / Disclaimer:					
<p>Dieser Prüfbericht enthält das Ergebnis einer einmaligen Untersuchung an dem zur Prüfung vorgelegten Erzeugnis. Ein Muster dieses Erzeugnisses wurde geprüft, um die Übereinstimmung mit den nachfolgend aufgeführten Normen bzw. Abschnitten von Normen festzustellen. Der Prüfbericht berechtigt Sie nicht zur Benutzung eines Zertifizierungszeichens des VDE und berücksichtigt ausschließlich die Anforderungen der unten genannten Regelwerke. Wenn gegenüber Dritten auf diesen Prüfbericht Bezug genommen wird, muss dieser Prüfbericht in voller Länge an gleicher Stelle verfügbar gemacht werden <i>This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to found the accordance with the thereafter listed standards or clauses of standards resp. The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below. Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.</i></p>					



Zustand des Prüfmusters <i>Test sample condition</i>	<input checked="" type="checkbox"/>	Unbeschädigtes Prüfmuster <i>Non-damaged sample</i>
	Bemerkung / <i>Remark</i> :	
Wareneingang Prüfmuster <i>Sample entry date</i>	2021-12-20	
Datum der Durchführung der Prüfungen <i>Date (s) of performance of tests</i>	2021-12-20 – 2022-02-28	

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

Abschließendes Prüfergebnis <i>Final Verdict:</i>	<input checked="" type="checkbox"/>	P	<input type="checkbox"/>	F
Bemerkung / <i>Remark</i>:				



Durchgeführte Prüfungen / *Performed tests*

Abschnitt <i>Clause</i>	Prüfanforderungen / <i>Requirement + Test</i>	Ergebnis – Anmerkung <i>Result – Remark</i>	Beurteilung <i>Verdict</i>
	Motorola W18 E	Substances detected	
	2011/65/EU & 2015/863/EU(RoHS)	Pass	P
	1907/2006/EC § 33 (REACH, SVHC)	Substances detected	Reporting required*
	1907/2006/EC Annex XIV (REACH, Authorisation List)	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 reporting is required on the functional unit level for 1,3-propanesultone. However, reporting is required on the homogeneous material level due to lead and 4-tert-butylphenol.

Allgemeine Bemerkungen / *General Remarks:*

Konformitätserklärung / *Conformity statement:*

Die VDE-Entscheidungsregel für die Konformitätserklärung entspricht dem Verfahren 2 nach IEC Guide 115:2021 /

The VDE decision rule for the statement of conformity is in accordance with IEC Guide 115:2021 procedure 2



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



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1 Description of the Sample (EUT)

Type of EUT: Product as mentioned on page 1

Model:

Serial number:



Model & hardware

Model

Lahaina for arm64

Serial number

N2DR130487

Model Number (SKU)

XT2203-1





2 Assessment summary of substances according to 12G02897W18

2.1 Global Compliance Acceptance Criteria (banned and controlled Substances)

Substances	Results
Asbestos, asbestos compounds	For indicator elements Al and Si see chapter 3 ¹⁾
Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene ("BNST")	n.t.
Chlorofluorocarbons and halons (Class I and II Ozone Depleting Chemicals) [1]	For indicator element Cl see chapter 3 ¹⁾
Halogenated dioxins and furans	(For indicator element Cl and Br see chapter 3 ¹⁾)
Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF6)	n.t.
Mercury and Mercury Compounds	n.d. see chapter 3
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-imethylethyl)-	n.d. see chapter 5
Polychlorobiphenyls and derivatives (PCBs)	For indicator element Cl see chapter 3 ¹⁾
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 ¹⁾
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in <u>wood products</u> as a preservative [3]	For indicator element As see chapter 3 ¹⁾
Bisphenol-A [4]	Detected see chapter 5
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in "portable" batteries	n.a. (no batteries)
Chromium (VI) compounds	n.d. see chapter 3
Chromium (VI) compounds in leather and textiles	n.a. (no leather and textiles)
Cobalt Dichloride	For indicator element Co see chapter 3 ¹⁾
Creosotes	For indicator substances (Anthracene, Benzo[a]pyrene etc.) see chapter 5
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	n.d. see chapter 2.3, 3, 5
Diisononyl Phthalate (DINP)	n.d. see chapter 3, 5
Formaldehyde	n.a. (no Composite Wood Products, textiles, washing or cleaning agents, cosmetic care products)
Lead and lead compounds	detected see chapter 2.2; 2.3; 3; 4
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	detected see chapter 3 ²⁾
Nonylphenol ethoxylate [7]	n.d. see chapter 5
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 5



Substances	Results
Polybrominated biphenyls (PBBs)	n.d. see chapter 3
Polybrominated diphenyl ethers (PBDEs)	n.d. see chapter 3
Perchlorates-Lithium Perchlorate, Magnesium Perchlorate, Zinc Perchlorate [5]	n.a. (no perchlorate Batteries)
Perfluoro alkyl sulfonates (PFAS), and derivatives (including PFOS)	n.t.
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 (no external cables)
Certain short and medium chained chlorinated paraffins	n.d.
REACH Authorised and Restricted Substances not otherwise listed	detected but not applicable to this article see chapter 5
REACH Authorised and Restricted Substances not otherwise listed - Entry 20 Organostannic compounds [6]	Required Sn < 0.1% ¹⁾ Sn detected in FE2439-09 (0.1% Sn)
REACH Authorised and Restricted Substances not otherwise listed - Entry 21 Di-μ-oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C8H19BO3Sn (DBB)	Sn < 0.04 % ¹⁾ (DBB < 0.1%) Risk of exceeding the limit of Sn < 0.04 % (DBB < 0.1%): FE2443-14 (0.03 % Sn) FE2456-03 (0.08 % Sn)
REACH Authorised and Restricted Substances not otherwise listed - Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	n.a. (no rubber or dark plastic materials that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity under normal or reasonably foreseeable conditions of use)
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. E were identified that exceed the thresholds according to Appendix C Section V for controlled and banned substances.

2.2 Items that only use Homogeneous Materials






Sample Item	Description	Photo	Material of Concern (Concentration) ¹⁾	Does that rating make use of an Exemption	Sub Item level acceptance rating
FE2454-01	22-003 Smart Phone XT2203 series, Blue metal housing frame, Golden screw insert		Pb (2.1 ± 0.8 % = 21000 ± 8000 ppm)	Pb in copper alloy Exemption 6(c)	Pass, exemption applicable

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

2.3 Phthalates in fractions

None




2.4 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
FE2435-19	22-003 Smart Phone XT2203 series, Battery, Flex		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FE2440-01	22-003 Smart Phone XT2203 series, Back camera 3, Flex		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FE2446-01	22-003 Smart Phone XT2203 series, Main PWB		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FE2447-01	22-003 Smart Phone XT2203 series, Sub PWB 1		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FE2450-01	22-003 Smart Phone XT2203 series, Display Flex, Flex		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable

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

²⁾ Components have been identified that contain lead in ceramics. Due to expired exemption for lead in dielectric ceramic capacitors (of less than 125V AC or 250V DC) it has to be made sure that the exemption is really applicable to all single components identified to contain Lead - see x,y-board scan


3 Material Assay Screening Results

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. UD Appendix C relevant compounds ¹⁾
22-003	Smart Phone Model #: XT2203 series							
FE2434-00	22-003 Smart Phone XT2203 series, Sim card holder		0.266	0.17%				
FE2434-01	22-003 Smart Phone XT2203 series, Sim card holder, Black plastic frame				60.11%	PC 97% PMMA 3%	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: Sr Zr.	Reportable: Al Si Fe;
FE2434-02	22-003 Smart Phone XT2203 series, Sim card holder, White label				0.45%	PET 80% Acrylic 20%	Main: P S Ti; Other: Al Si Cl Ca; Trace: Cr Ni Zn.	Reportable: Al P;
FE2434-03	22-003 Smart Phone XT2203 series, Sim card holder, Red rubber seal				5.08%	TPU	Main: Ca; Other: Al Si P S Cl; Trace: Ti Fe Ni Cu Zn Ba.	Reportable: Al Si;
FE2434-04	22-003 Smart Phone XT2203 series, Sim card holder, Metal plate				34.36%		Main: Cr Fe Ni; Other: Si P S K V Mn Co Cu Mo Nd; Trace: Cl Zn Ge As Nb Rh Tl.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.
FE2435-00	22-003 Smart Phone XT2203 series, Battery,		53.420	34.11%				
FE2435-01	22-003 Smart Phone XT2203 series, Battery, Outer foil				3.31%	Metal 70% PP 15% PA 15%	Main: Al Fe; Other: Si P S Cl Ti V Cr; Trace: Mn Ni Cu Zn Ga.	Reportable: Al Si P Cr Fe;
FE2435-02	22-003 Smart Phone XT2203 series, Battery, Black plastic cover				0.34%	PC	Main: P S; Other: Al Si Cl Ti; Trace: Cr Mn 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. E Appendix C relevant compounds ¹⁾
FE2435-03	22-003 Smart Phone XT2203 series, Battery, Black glue strip 1				0.08%	Silicone 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S K Ca Zn; Trace: Ti Co Cu Sb Nd.	Reportable: Al Si Co;
FE2435-04	22-003 Smart Phone XT2203 series, Battery, Black glue strip 2				0.55%	PET 80% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca Zn; Trace: Ti Fe Co Ni Cu Sb.	Reportable: Al Si Co;
FE2435-05	22-003 Smart Phone XT2203 series, Battery, Black glue strip 3				0.05%	PAN 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti Co Cu Zn.	Reportable: Al Si P Co;
FE2435-06	22-003 Smart Phone XT2203 series, Battery, Black glue strip 4				0.10%	PUR 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti Co Cu Zn Sb.	Reportable: Al Si Co;
FE2435-07	22-003 Smart Phone XT2203 series, Battery, White glue strip				0.03%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S K Ca V; Trace: Cl Cr Co Ni Cu Zn Nb Sb.	Reportable: Al Si Co;
FE2435-08	22-003 Smart Phone XT2203 series, Battery, Yellow glue strips				0.63%	PAI 80% Acrylic 20%	Main: Cu; Other: Al Si P S Cl K Ca Co Zn Hf; Trace: Ti Fe Ni.	Reportable: Al P Co Cu;
FE2435-09	22-003 Smart Phone XT2203 series, Battery, Green glue strips				0.51%	PET 80% Acrylic 20%	Main: Al P S Ti Co; Other: Si Ni Cu Zn; Trace: Y Zr.	Reportable: Al Si P Co Cu Zn; Controlled: Ni.
FE2435-10	22-003 Smart Phone XT2203 series, Battery, Blue glue strips				0.09%	PET 80% SB 20%	Main: Al P S; Other: Si Cl Ca Co Cu; Trace: Ti.	Reportable: Al Si P Co Cu;
FE2435-11	22-003 Smart Phone XT2203 series, Battery, Clear glue strips				0.06%	PET 80% SB 20%	Main: P; Other: Al Si S K Ca Co Cu; Trace: Ti Mn Sb.	Reportable: Al Si P Co Cu;
FE2435-12	22-003 Smart Phone XT2203 series, Battery, Clear rubber mold				0.01%	PP+EPDM	Main: S; Other: Al Si P Cl; Trace: Ti Co Ni.	Reportable: Al Si Co;
FE2435-13	22-003 Smart Phone XT2203 series, Battery, Contact strip 1				0.26%		Main: Si P Ni; Other: S Cl K Ca Fe Cu Zn; Trace: Ti Cr As Y Rh Ba Tl Bi.	Reportable: Fe Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2435-14	22-003 Smart Phone XT2203 series, Battery, Contact strip 2				0.08%		Main: Al; Other: Si P S K Fe; Trace: Cl Ca Ti V Cr Co Ni Cu Ga.	Reportable: Al Fe Co;
FE2435-15	22-003 Smart Phone XT2203 series, Battery, Silver foil				8.31%		Main: Al; Other: Si P S K Fe Co Cu; Trace: Cl Ca Ti V Mn Ni Zn Ga.	Reportable: Al Fe Co Cu;
FE2435-16	22-003 Smart Phone XT2203 series, Battery, Copper foil				10.16%		Main: P Cu; Other: S Cl Cr Co Zn Nd; Trace: Si Ti V Mn Ga Ge Y Zr Nb Ba Yb Bi.	Reportable: Cr Co Cu Zn Nd;
FE2435-17	22-003 Smart Phone XT2203 series, Battery, White foil				6.46%	PE	Main: Al P S; Other: Si Co Cu; Trace: Ti Rh.	Reportable: Al P Co Cu;
FE2435-18	22-003 Smart Phone XT2203 series, Battery, Carbon coating				67.39%		Main: P S Co Cu; Other: Al K; Trace: Si Ti Cr Ni Ga Y Zr Yb.	Reportable: Al P Co Cu;
FE2435-19	22-003 Smart Phone XT2203 series, Battery, Flex				1.59%		(see x,y-Scan Results) Main: Al P S Cu Ba; Other: Si Cl K Ca Ti Cr Ni Zn Sr Zr Ag Sn Au ; Trace: Mn Ge Nb Ru Pd La W Pb Bi.	Reportable: Al Si P Cr Cu Ag Sn Ba Au; Controlled: Ni, Pb.
FE2436-00	22-003 Smart Phone XT2203 series, Vibra call			1.125	0.72%			
FE2436-01	22-003 Smart Phone XT2203 series, Vibra call, Metallic glue strip				0.44%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl Ca Ti Fe Hf; Trace: K Cr Mn Co Zn Ga Rh.	Reportable: Al Si Fe Co Cu; Controlled: Ni.
FE2436-02	22-003 Smart Phone XT2203 series, Vibra call, Metal housing				12.89%		Main: Cr Mn Fe Ni; Other: Si P S Cl K V Co Cu Mo Nd; Trace: Zn Ge As Nb Rh Ba Pr.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾	
FE2436-03	22-003 Smart Phone XT2203 series, Vibra call, Metal ring				69.87%		Main: Co Ni W; Other: P S Cl K Ca Ti Cr Fe Cu Nd; Trace: Ge As Ru Rh Pd In Sb Ba.	Reportable: Cr Fe Co Cu Nd W; Controlled: Ni.	
FE2436-04	22-003 Smart Phone XT2203 series, Vibra call, Metal cover				3.38%		Main: S Cr Fe; Other: P Cl K Ca V Mn Co Ni Cu Ba; Trace: Zn Ge As Y Nb Rh Sb.	Reportable: Cr Fe Co Cu; Controlled: Ni.	
FE2436-05	22-003 Smart Phone XT2203 series, Vibra call, Magnet				2.04%		Main: Si Cl Fe Ni Cu Pr; Other: S K V Zn Br Rb Y Zr Nb Mo In Sb Te I Cs Ba La Ce Ti Bi; Trace: Ru Rh.	Reportable: Fe Cu Zn Rb Y Sb Te Ba La Ce Pr Ti Bi; Controlled: Ni.	
FE2436-06	22-003 Smart Phone XT2203 series, Vibra call, Small copper tube				1.78%		Main: S Cu; Other: P Cl Ni Zn Ba; Trace: Ge Br Sr Y Zr Nb Rh Sb Cs W Bi.	Reportable: Cu Zn Ba; Controlled: Ni.	
FE2436-07	22-003 Smart Phone XT2203 series, Vibra call, Contact strips				0.89%		Main: Si S Cr Mn Fe Ni; Other: P Cl K Ca V Co Cu Zn Mo Nd; Trace: Ti As Sr Y Nb Sb Ba W.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.	
FE2436-08	22-003 Smart Phone XT2203 series, Vibra call, Flex				8.71%		Main: Al Si Cr Fe Ni Cu; Other: P S Cl K Ca V Mn Co Zr Sn W Au; Trace: Ti Rb Sr Y Nb Mo Cs Bi.	Reportable: Al Si P Cr Fe Co Cu Sn W Au; Controlled: Ni.	
FE2437-00	22-003 Smart Phone XT2203 series, Front camera			0.269	0.17%				
FE2437-01	22-003 Smart Phone XT2203 series, Front camera, Flex					45.80%		Main: Si S Ca Cu Sn Ba; Other: Al P Cl K Ti Fe Co Ni Ga Sr Zr Pd Ag Ta W Au; Trace: Zn Ge Br Y Nb Mo La Ce.	Reportable: Al Si P Fe Co Cu Pd Ag Sn Ba Ta W 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. E Appendix C relevant compounds ¹⁾
FE2437-02	22-003 Smart Phone XT2203 series, Front camera, Blue glass				4.46%		Main: Si P Ca Ti Zn Ba; Other: Al S Cl K Cu; Trace: Sr Ru Rh In La Ce.	Reportable: Al Si P Cu Zn Ba;
FE2437-03	22-003 Smart Phone XT2203 series, Front camera, Metal ring				4.31%		Main: S Cu Zn; Other: Si P Cl K Ni Ba Bi; Trace: Ti Fe Y Zr In Sb.	Reportable: Cu Zn Ba Bi;
FE2437-04	22-003 Smart Phone XT2203 series, Front camera, Foil rings				0.26%	PET	Main: S; Other: Al Si P Cl Ti; Trace: Cr Cu.	Reportable: Al Si;
FE2437-05	22-003 Smart Phone XT2203 series, Front camera, Black plastic frame 2				10.48%	PA GF	Main: Al Si S K Ca Ti; Other: P Cl Mn Fe Cu Zn Ba; Trace: Ni Sr Zr Nb W Bi.	Reportable: Al Si P Fe Cu Zn Ba;
FE2437-06	22-003 Smart Phone XT2203 series, Front camera, Black plastic housing				21.04%	PC	Main: S; Other: Al Si P; Trace: Ti Ni Cu Zn Rh Ba.	Reportable: Al Si;
FE2437-07	22-003 Smart Phone XT2203 series, Front camera, Plastic lenses				13.64%	PMMA	Main: ; Other: Al Si P S Cl K Ti; Trace: Ni Cu.	Reportable: Al Si;
FE2438-00	22-003 Smart Phone XT2203 series, Back camera 1			0.221	0.14%			
FE2438-01	22-003 Smart Phone XT2203 series, Back camera 1, Flex				66.43%		Main: Al Si Ca Cu Sn; Other: S Cl K Ti Fe Co Ni Zr Ag Ba W Au; Trace: P Cr Zn Sr Nb Mo.	Reportable: Al Si Fe Co Cu Ag Sn Ba W Au; Controlled: Ni.
FE2438-02	22-003 Smart Phone XT2203 series, Back camera 1, Black plastic Frame				16.88%	Polyester GF	Main: Al S K; Other: Si Ti Fe; Trace: Mn Ni Zn Ga Rb Ba W.	Reportable: Al Si Fe;
FE2438-03	22-003 Smart Phone XT2203 series, Back camera 1, Foil Rings				0.09%	PET	Main: Al S; Other: Si P Cl; Trace: Ti.	Reportable: Al Si;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2438-04	22-003 Smart Phone XT2203 series, Back camera 1, Black plastic housing				9.68%	PC	Other: Al Si S Cl K; Trace: Ti Zn.	Reportable: Al;
FE2438-05	22-003 Smart Phone XT2203 series, Back camera 1, Black plastic ring				0.63%	PC	Main: S; Other: Al Si; Trace: Cl Ti Rh.	Reportable: Al Si;
FE2438-06	22-003 Smart Phone XT2203 series, Back camera 1, Metal ring				0.81%		Main: Si P S Cl K Ti; Other: Ca Co Ni Cu Zn; Trace: Rb Y Zr Nb Ba.	Reportable: Co Cu Zn; Controlled: Ni.
FE2438-07	22-003 Smart Phone XT2203 series, Back camera 1, Plastic lenses				2.62%	PMMA	Main: Si S; Other: Al Cl Ti; Trace: Cr Mn Ni.	Reportable: Al Si;
FE2438-08	22-003 Smart Phone XT2203 series, Back camera 1, Glass lense				2.85%		Main: Al Si K Ti; Other: S Cl Zn; Trace: Ca Rb Yb.	Reportable: Al Si Zn;
FE2439-00	22-003 Smart Phone XT2203 series, Back camera 2		1.278	0.82%				
FE2439-01	22-003 Smart Phone XT2203 series, Back camera 2, Flex				28.33%		Main: Al Si Cu; Other: S Cl K Ca Ti Ni Br Zr Ag Sn Ba Hf Ta W Au; Trace: Cr Mn Fe Zn Ge Sr Mo Pd.	Reportable: Al Si Cu Ag Sn Ba Ta W Au; Controlled: Ni.
FE2439-02	22-003 Smart Phone XT2203 series, Back camera 2, Contacts 1				0.63%		Main: S Ti Cu; Other: Si P Cl Ca Ni Zn Ag Sn Ba Nd; Trace: Mn Sr Y Zr Nb.	Reportable: Cu Ag Sn Ba Nd;
FE2439-03	22-003 Smart Phone XT2203 series, Back camera 2, Magnets				7.98%		Main: Fe Ni Cu Pr; Other: Si S Cl K V Y Zr Nb Mo Bi; Trace: Ge Br Ru Rh Sb Te Tl.	Reportable: Fe Cu Y Pr 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. E Appendix C relevant compounds ¹⁾
FE2439-04	22-003 Smart Phone XT2203 series, Back camera 2, Metal frame				17.53%		Main: P S Fe Ni; Other: Cl K Ca Cr Mn Cu Zn Mo Ba; Trace: Nb Rh.	Reportable: Cr Fe Cu Zn Ba; Controlled: Ni.
FE2439-05	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic part				0.94%	Polyester GF	Main: S; Other: Al Si P Ca Fe Ba; Trace: Cl Ti Ni Zn Rb Sr.	Reportable: Al Si Fe Ba;
FE2439-06	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 1				3.21%	Polyester GF	Main: Al Si P S K Ca; Other: Cl Ti Fe Sr Ba; Trace: Mn Ni Cu Zn Rb.	Reportable: Al Si P Fe Ba;
FE2439-07	22-003 Smart Phone XT2203 series, Back camera 2, Copper wire				0.86%		Main: S Cu; Other: Si P Cl K Co Ni Zn Ba; Trace: Ti Y Zr Nb Rh Yb Bi.	Reportable: Co Cu Zn Ba;
FE2439-08	22-003 Smart Phone XT2203 series, Back camera 2, Copper glue strip				2.35%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Si P S Cl K Ti Zn; Trace: Cr Mn Ge Sr Y Zr Nb Mo Ba Nd Bi.	Reportable: Cu Zn; Controlled: Ni.
FE2439-09	22-003 Smart Phone XT2203 series, Back camera 2, White glue				0.31%	TPE	Main: Si S; Other: Al P Cl Ca Ti Ni Cu Sn; Trace: Cr Mn Ag Ba Au .	Reportable: Al Si P Cu Sn; Controlled: Ni.
FE2439-10	22-003 Smart Phone XT2203 series, Back camera 2, Blue glass				1.41%		Main: Al Si P S Cu Zn Ba; Other: Cl K Ca Ti; Trace: Sr Rh Ce.	Reportable: Al Si P Cu Zn Ba;
FE2439-11	22-003 Smart Phone XT2203 series, Back camera 2, Plastic lenses				10.09%	PMMA	Main: Si S; Other: Al P Ti; Trace: Cr Mn Ni Cu.	Reportable: Al Si;
FE2439-12	22-003 Smart Phone XT2203 series, Back camera 2, Foil rings				0.16%	PET	Main: Si S; Other: Al P Cl Ca Cr; Trace: Ti Ni.	Reportable: Al Si P Cr;
FE2439-13	22-003 Smart Phone XT2203 series, Back camera 2, Ring contact				0.16%		Main: S Cu; Other: Si P Cl Ti Ni Zn; Trace: Ge Rb Y Zr Nb Rh Ba Bi.	Reportable: Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2439-14	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 2				9.00%	Polyester GF	Main: Al Si P S Ca; Other: Cl K Ti Fe Ni Cu Sr Ba Pr; Trace: Zn Rb W.	Reportable: Al Si P Fe Ba Pr; Controlled: Ni.
FE2439-15	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 3				7.20%	PA GF	Main: Si S Ca; Other: Al P Cl K Ti Fe Cu Zn Ba; Trace: Mn Ni Sr.	Reportable: Al Si P Fe Cu Zn Ba;
FE2439-16	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic housing				8.22%	PC	Main: ; Other: Al Si P S Cl K; Trace: Ti.	Reportable: Al Si;
FE2439-17	22-003 Smart Phone XT2203 series, Back camera 2, Contacts 2				0.08%		Main: Si P S Cl Cu; Other: Ca Ti Co Ni Zn Sr Y Ba; Trace: Br Zr Nb Rh In Sb Bi.	Reportable: Co Cu Y Ba; Controlled: Ni.
FE2439-18	22-003 Smart Phone XT2203 series, Back camera 2, Silver metal part				0.70%		Main: P S Ni Cu Sn; Other: Si Cl K Zn Ba; Trace: Ti Sr Y Zr Nb Rh Sb.	Reportable: Cu Sn Ba; Controlled: Ni.
FE2439-19	22-003 Smart Phone XT2203 series, Back camera 2, Small flex				0.86%		Main: Al Si P S Cu; Other: Cl K Ca Co Ni Sr Zr Ag Sn Ba; Trace: Ge Y Nb Mo Ce W.	Reportable: Al Si P Co Cu Ag Sn Ba; Controlled: Ni.
FE2440-00	22-003 Smart Phone XT2203 series, Back camera 3			2.356	1.50%			
FE2440-01	22-003 Smart Phone XT2203 series, Back camera 3, Flex				37.95%		(see x,y-Scan Results) Main: Al Si Cu; Other: P Cl K Ca Ti Cr Fe Ni Br Mo Sn Ba Ta W Au; Trace: Mn Co Sr Zr Pd Ag.	Reportable: Al Si Cr Fe Co Cu Sn Ba Ta W Au; Controlled: Ni, Pb.



Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2440-02	22-003 Smart Phone XT2203 series, Back camera 3, Copper glue strip				2.29%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Si P S Cl K Zn Nd; Trace: Ti Cr Ge Br Sr Y Zr Nb Rh Ba Bi.	Reportable: Cu Zn Nd; Controlled: Ni.
FE2440-03	22-003 Smart Phone XT2203 series, Back camera 3, Outer metal frame				12.20%		Main: P S Cl K Ca Fe Ni; Other: Cr Cu Zn Y Zr Nb Mo Sb Ba; Trace: Ti Rh Tl Bi.	Reportable: Cr Fe Cu Zn Y Sb Ba; Controlled: Ni.
FE2440-04	22-003 Smart Phone XT2203 series, Back camera 3, Blue glue				0.13%	PMMA	Main: Si P S; Other: Al Cl K Ca Ti; Trace: Ni Cu Ba.	Reportable: Al Si P;
FE2440-05	22-003 Smart Phone XT2203 series, Back camera 3, Silver balls				0.30%		Main: S Zr; Other: Al Si P Y Hf; Trace: Ti Ni Mo.	Reportable: Al P Y;
FE2440-06	22-003 Smart Phone XT2203 series, Back camera 3, White balls				0.46%		Main: Al S Zr; Other: Si P Cl Y Hf; Trace: Ti Ni Cu Mo Rh.	Reportable: Al Si Y;
FE2440-07	22-003 Smart Phone XT2203 series, Back camera 3, Yellow balls				0.17%		Main: Al S; Other: Si P Cl Y Zr Ce Hf; Trace: Ni Ag.	Reportable: Al Si P Y Ce;
FE2440-08	22-003 Smart Phone XT2203 series, Back camera 3, Black metal ring				1.95%		Main: S Cu Zn; Other: Si P Cl Fe Bi; Trace: Ni Ge Sb Ba.	Reportable: Fe Cu Zn Bi;
FE2440-09	22-003 Smart Phone XT2203 series, Back camera 3, Outer plastic frame				5.56%	Polyester GF	Main: Al Si K; Other: P S Ti Fe Rb; Trace: Mn Ni Zn Ga Ba W.	Reportable: Al Si Fe Rb;
FE2440-10	22-003 Smart Phone XT2203 series, Back camera 3, Inner metal frame 1				2.75%		Main: P S Fe Ni; Other: Si Cl K Ca Cr Cu Zn Mo Ba; Trace: Rb Sr Y Zr Nb Rh Sn Sb Tl.	Reportable: Cr Fe Cu Zn 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. E Appendix C relevant compounds ¹⁾
FE2440-11	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 1				1.01%	Polyester GF	Main: Al Si S K; Other: P Cl Ca Ti Cr Mn Fe Ni Rb; Trace: Cu Zn Ga Nb Ag Sb W.	Reportable: Al Si Cr Fe Rb;
FE2440-12	22-003 Smart Phone XT2203 series, Back camera 3, Foil rings				0.10%	PET	Main: Si P S; Other: Al Cl K Ca Ti; Trace: Ni Sb Ba.	Reportable: Al Si P;
FE2440-13	22-003 Smart Phone XT2203 series, Back camera 3, Glass lenses				3.59%		Main: Si; Other: Al K Ti; Trace: S.	Reportable: Al Si;
FE2440-14	22-003 Smart Phone XT2203 series, Back camera 3, Plastic lenses				2.19%	PMMA	Main: Si Ti; Other: Al S Cl K Ca; Trace: P.	Reportable: Al Si;
FE2440-15	22-003 Smart Phone XT2203 series, Back camera 3, Metal clamps				0.76%		Main: S Fe; Other: Si P Cl K Ca V Cr Co Ni Cu Zn Nb Mo Ba Nd; Trace: Ti As Sr Y Zr Sb W Bi.	Reportable: Cr Fe Co Cu Zn Ba Nd; Controlled: Ni.
FE2440-16	22-003 Smart Phone XT2203 series, Back camera 3, Inner metal frame 2				1.39%		Main: P S Fe Ni; Other: Si Cl K Ca Cr Cu Zn Mo Ba; Trace: Ti Ge Y Zr Nb Sn Sb Bi.	Reportable: Cr Fe Cu Zn Ba; Controlled: Ni.
FE2440-17	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 2				2.47%	Polyester GF	Main: Al Si K; Other: S Cl Ti Fe Rb; Trace: P Cr Mn Ni Zn Ga Nb Ba W.	Reportable: Al Si Fe Rb;
FE2440-18	22-003 Smart Phone XT2203 series, Back camera 3, Plastic ring 1				0.43%	PC	Main: S; Other: Al Si Cl; Trace: Ti Ba.	Reportable: Al;
FE2440-19	22-003 Smart Phone XT2203 series, Back camera 3, Plastic ring 2				0.42%	PC	Main: S; Other: Al Si P Cl; Trace: Ti Ni Rh.	Reportable: Al Si;




Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2440-20	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 3				3.43%	PC	Main: Al S; Other: Si P Cl; Trace: Ti Co Ni.	Reportable: Al Si Co;
FE2440-21	22-003 Smart Phone XT2203 series, Back camera 3, Small magnets				4.82%		Main: Fe Ni Cu Pr; Other: Cl V Zn Rb Y Zr Nb Mo Sb Te; Trace: Rh In Tl Bi.	Reportable: Fe Cu Rb Y Sb Te Pr; Controlled: Ni.
FE2440-22	22-003 Smart Phone XT2203 series, Back camera 3, Large magnet				4.21%		Main: Si Cl Fe Ni Cu Pr; Other: S K V Co Zn Rb Y Zr Nb Mo Te Ba Bi; Trace: Ge Br Ru In Sb Tl.	Reportable: Fe Co Cu Zn Rb Y Te Ba Pr Bi; Controlled: Ni.
FE2440-23	22-003 Smart Phone XT2203 series, Back camera 3, Inner metal frame 3				2.13%		Main: S Fe Ni Cu Mo; Other: Si P Cl K Ca Cr Co Zn; Trace: Ti Mn Ge Br Zr Nb In Sb Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
FE2440-24	22-003 Smart Phone XT2203 series, Back camera 3, Black plastic housing				7.14%	PC	Main: ; Other: Al Si P S Cl K; Trace: Ti.	Reportable: Al Si;
FE2440-25	22-003 Smart Phone XT2203 series, Back camera 3, Humidity indicator				0.03%	Paper 80% Acrylic 20%	Main: ; Other: Al Si P S Ca Ti; Trace: Mn Ni Cu Zn Rh In Hf.	Reportable: Al;
FE2440-26	22-003 Smart Phone XT2203 series, Back camera 3, Inner black plastic frame				0.93%	PA GF	Main: Al Si S K Ca Ti; Other: P Cl Mn Fe Cu Zn Ba; Trace: Sr Zr Nb W.	Reportable: Al Si P Fe Cu Zn Ba;
FE2440-27	22-003 Smart Phone XT2203 series, Back camera 3, Blue glass				1.19%		Main: Al Si P S Ca Ti Cu Zn Ba; Other: Cl K Nd; Trace: Sr Rh La Ce Pr W.	Reportable: Al Si P Cu Zn Ba 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. E Appendix C relevant compounds ¹⁾
FE2441-00	22-003 Smart Phone XT2203 series, Sensor		0.139	0.09%				
FE2441-01	22-003 Smart Phone XT2203 series, Sensor, Flex				69.57%		Main: Al Si P S Cu; Other: Cl K Ca Ti Fe Ni Ga Zr Ag Sn Ba Ta W Au; Trace: Cr Co Ge Sr Nb Mo Pd.	Reportable: Al Si P Fe Co Cu Ag Sn Ba Ta W Au; Controlled: Ni.
FE2441-02	22-003 Smart Phone XT2203 series, Sensor, Black glue				0.86%	Acrylic	Main: ; Other: Al Si P Cu Zn; Trace: Ti Ni Rh In.	Reportable: Al Zn;
FE2441-03	22-003 Smart Phone XT2203 series, Sensor, Black plastic housing				22.30%	PC/PET	Main: S; Other: Al Si P Cl K Ti; Trace: Ca Ni Zn.	Reportable: Al Si;
FE2441-04	22-003 Smart Phone XT2203 series, Sensor, Glas				2.09%		Main: Al Si S K Zn; Other: P Cl Ti; Trace: Co Ni Cu Se Rb Zr.	Reportable: Al Si Co Zn;
FE2441-05	22-003 Smart Phone XT2203 series, Sensor, Plastic lenses				5.04%	PMMA	Main: Si Ti; Other: Al P S Cl; Trace: Ni Zn Ba W.	Reportable: Al Si P;
FE2441-06	22-003 Smart Phone XT2203 series, Sensor, Black foil ring				0.14%	PET	Main: S; Other: Al Si P Cl; Trace: Ti Ni Rh.	Reportable: Al Si;
FE2442-00	22-003 Smart Phone XT2203 series, Bottom speaker		2.812	1.80%				
FE2442-01	22-003 Smart Phone XT2203 series, Bottom speaker, Metal shielding 1				15.58%		Main: Cr Fe Ni; Other: Si P S Cl K V Mn Co Cu Mo; Trace: Zn Ge As Sn Ba Ce Pr Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
FE2442-02	22-003 Smart Phone XT2203 series, Bottom speaker, Metal shielding 2				12.16%		Main: Cr Fe Ni; Other: Si P S Cl K V Mn Co Cu Mo Nd; Trace: Ca Zn Ge As Rh Sn Ba Tl.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.





Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2442-03	22-003 Smart Phone XT2203 series, Bottom speaker, Metal cover				11.31%		Main: P Fe Ni; Other: S Cl K Cr Mn Cu Zn Bi; Trace: Ca Y Rh Sn Ba Nd Tl.	Reportable: Cr Fe Bi; Controlled: Ni.
FE2442-04	22-003 Smart Phone XT2203 series, Bottom speaker, Black plastic frame				19.84%	PC	Main: Al Si P Ca; Other: S Cl K Ti Fe; Trace: Cr Mn Zn Br Sr Zr Ba.	Reportable: Al Si P Fe;
FE2442-05	22-003 Smart Phone XT2203 series, Bottom speaker, Copper wire				2.63%		Main: P S Cl Cu; Other: Si K Ni Zn Ge Y Zr Sb Ba; Trace: Nb Rh In Bi.	Reportable: Cu Y Sb Ba; Controlled: Ni.
FE2442-06	22-003 Smart Phone XT2203 series, Bottom speaker, White cloth net				0.68%	PBT 80% PA PAN 20%	Main: Si; Other: Al P S Cl Ti; Trace: Zn Rh Sb.	Reportable: Al Si;
FE2442-07	22-003 Smart Phone XT2203 series, Bottom speaker, Membrane				0.57%	Metal 50% PBT 20% TPU 20% PUR 10%	Main: Al; Other: Si Fe Cu; Trace: P Ti V Mn Ni Ga.	Reportable: Al Fe;
FE2442-08	22-003 Smart Phone XT2203 series, Bottom speaker, Black shock pad				0.36%	PUR 60% PET 20% Acrylic 20%	Main: ; Other: Al Si Ca Ni; Trace: Ti Cr Mn.	Reportable: Al;
FE2442-09	22-003 Smart Phone XT2203 series, Bottom speaker, Pink glue				0.04%	PUR	Main: Al S; Other: Si Cl; Trace: Ti.	Reportable: Al Si;
FE2442-10	22-003 Smart Phone XT2203 series, Bottom speaker, White glue strip				0.04%		Main: Si; Other: Al S Ti; Trace: Cr Ni Cu Zn W.	Reportable: Al Si;
FE2442-11	22-003 Smart Phone XT2203 series, Bottom speaker, Blue glue strip				0.04%	PET 80% Acrylic 20%	Main: S; Other: Al Si P Cl; Trace: Ti Ni Zn Rh.	Reportable: Al Si;
FE2442-12	22-003 Smart Phone XT2203 series, Bottom speaker, Clear glue				0.36%	Acrylic	Main: Si P S; Other: Al Cl K Ca; Trace: Ti Cr Cu Zn Nd.	Reportable: Al Si P;

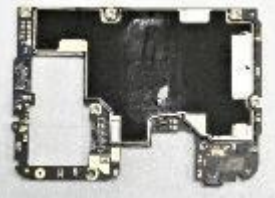
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2442-13	22-003 Smart Phone XT2203 series, Bottom speaker, Magnets 1				9.96%		Main: Si Cl Fe Zn Pr; Other: S V Co Cu Ga Y Zr Nb Mo Yb Bi; Trace: Ge Br Ru Rh In Sb Tl.	Reportable: Fe Co Cu Zn Y Pr Bi;
FE2442-14	22-003 Smart Phone XT2203 series, Bottom speaker, Metal frame				4.13%		Main: S Fe Ni; Other: Si P Cl K Zn; Trace: Y Nb Sb Cs Ba Bi.	Reportable: Fe Zn; Controlled: Ni.
FE2442-15	22-003 Smart Phone XT2203 series, Bottom speaker, Contact strips				0.11%		Main: Al Si P S; Other: Cl Ca Ti Cr Mn Fe Ni Cu Zn Ga; Trace: V Co Zr Nb Cs Ba.	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.
FE2442-16	22-003 Smart Phone XT2203 series, Bottom speaker, Magnet 2				11.95%		Main: Fe Zn Pr; Other: Si S Cl Co Cu Ga Ge Y Zr Nb Mo Yb; Trace: V Rb Ru Rh In Sn Bi.	Reportable: Fe Co Cu Zn Y Pr;
FE2442-17	22-003 Smart Phone XT2203 series, Bottom speaker, Metal plate				4.16%		Main: P Fe Ni; Other: S K Ca Mn Zn Bi; Trace: Si Cl Cr Y Ba Pr.	Reportable: Fe Bi; Controlled: Ni.
FE2442-18	22-003 Smart Phone XT2203 series, Bottom speaker, Flex foil				0.36%		Main: Al Si P S Cu; Other: Cl Ca Ti Ni Sn; Trace: Fe Co Zn Zr I.	Reportable: Al Si P Co Cu Sn;
FE2442-19	22-003 Smart Phone XT2203 series, Bottom speaker, White granulate				5.30%	SiO ₂	Main: Si; Other: S K Ti; Trace: Cl.	Reportable: Si;
FE2442-20	22-003 Smart Phone XT2203 series, Bottom speaker, Flex				0.46%		Main: Si S Ca Cu; Other: Al P Cl K Ti Ni Zr Sn Au; Trace: Cr Fe Co Zn Nb Mo.	Reportable: Al Si P Co Cu Sn Au; Controlled: Ni.
FE2443-00	22-003 Smart Phone XT2203 series, Top speaker			1.000	0.64%			
FE2443-01	22-003 Smart Phone XT2203 series, Top speaker, Metal cover				20.30%		Main: P Fe Ni; Other: S Cl K Mn Cu; Trace: Ca Cr Zn Y Rh Ba Nd.	Reportable: Fe Cu; Controlled: Ni.



Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2443-02	22-003 Smart Phone XT2203 series, Top speaker, Metal frame 1				19.40%		Main: Ni Cu; Other: Si P S Cl K Bi; Trace: Ti Cr Mn Fe Ga Ge As Se Y Zr Rh Pr.	Reportable: Cu Bi; Controlled: Ni.
FE2443-03	22-003 Smart Phone XT2203 series, Top speaker, Metal frame 2				7.30%		Main: S Fe Ni; Other: Si P Cl K Zn; Trace: Ca Y Rh Sb Ba Tl.	Reportable: Fe; Controlled: Ni.
FE2443-04	22-003 Smart Phone XT2203 series, Top speaker, Black plastic frame				4.30%	PA GF	Main: Al Si S Ca; Other: P Cl K Ti Fe; Trace: Ni Cu Zn Sr Zr Ba Pb .	Reportable: Al Si P Fe;
FE2443-05	22-003 Smart Phone XT2203 series, Top speaker, Magnet 1				17.50%		Main: Fe Zn Pr; Other: Si S Cl V Co Cu Ga Rb Y Zr Nb Mo Yb Bi; Trace: Br Ru Rh In Sn Sb Te.	Reportable: Fe Co Cu Zn Rb Y Pr Bi;
FE2443-06	22-003 Smart Phone XT2203 series, Top speaker, Metal plate				6.80%		Main: S Fe Ni; Other: Si P Cl K Ca Zn Bi; Trace: Nb Rh Ba.	Reportable: Fe Zn Bi; Controlled: Ni.
FE2443-07	22-003 Smart Phone XT2203 series, Top speaker, Magnets 2				17.20%		Main: Fe Zn Pr; Other: Si S Cl V Co Cu Ga Ge Rb Y Zr Nb Mo Yb; Trace: Ru Rh In Sb Bi.	Reportable: Fe Co Cu Zn Rb Y Pr; Controlled: .
FE2443-08	22-003 Smart Phone XT2203 series, Top speaker, Membrane				0.70%	Metal 70% PPS/PC 20% Acrylic 10%	Main: Al; Other: Si Ca Fe Cu; Trace: S Ti V Nd.	Reportable: Al Fe;
FE2443-09	22-003 Smart Phone XT2203 series, Top speaker, Copper wire				2.50%		Main: Si S Cu; Other: Cl Ni Zn Ge Ag Ba; Trace: Sr Y Zr Nb Rh In Sb W Bi.	Reportable: Cu Zn Ag Ba; Controlled: Ni.
FE2443-10	22-003 Smart Phone XT2203 series, Top speaker, Black cloth glue strips				0.30%	PET 80% Acrylic 20%	Main: Al Si S; Other: Cl K Ti; Trace: Ni Zn Rh Sb Nd.	Reportable: Al Si;




Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2443-11	22-003 Smart Phone XT2203 series, Top speaker, Black shock pad				0.80%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Zn; Trace: Ti Cr Mn Co Ni Cu Rh Nd.	Reportable: Al Si Co;
FE2443-12	22-003 Smart Phone XT2203 series, Top speaker, Blue glue				0.30%	PUR	Main: S; Other: Al Si Cl; Trace: Ti Fe Ni Cu Zn Sn.	Reportable: Al Si;
FE2443-13	22-003 Smart Phone XT2203 series, Top speaker, White glue strips				0.10%		Main: S; Other: Al Si Cl; Trace: Ti Ni Zn.	Reportable: Al Si;
FE2443-14	22-003 Smart Phone XT2203 series, Top speaker, Pink glue				0.10%	PUR	Main: Al S; Other: Si Cl Ca Ni Cu Sn; Trace: P Ti Co Zn.	Reportable: Al Si Co Cu Sn;
FE2443-15	22-003 Smart Phone XT2203 series, Top speaker, Flex foil				0.20%		Main: S Ca Cu; Other: Al Si P Cl Co Ni; Trace: K Ti Cr.	Reportable: Al Si P Co Cu;
FE2443-16	22-003 Smart Phone XT2203 series, Top speaker, Flex				2.20%		Main: Al P S Cu Sn; Other: Si Cl K Ca Co Ni Zr La Au; Trace: Ti Cr Zn Nb Mo.	Reportable: Al Si P Co Cu Sn La Au; Controlled: Ni.
FE2444-00	22-003 Smart Phone XT2203 series, Black connection cable			0.139	0.09%			
FE2444-01	22-003 Smart Phone XT2203 series, Black connection cable, Black plastic insert				1.43%	PP	Main: S; Other: Al Si Cl Ca Fe; Trace: Ti Ni Cu.	Reportable: Al Si Fe;
FE2444-02	22-003 Smart Phone XT2203 series, Black connection cable, Metal housing				22.75%		Main: Ni Cu Sn; Other: Si P S Cl Nd Au ; Trace: Ti V Mn Ge Zr Nb Ag Pr Bi.	Reportable: Cu Sn Nd Au; Controlled: Ni.
FE2444-03	22-003 Smart Phone XT2203 series, Black connection cable, Golden contacts				1.58%		Main: Si P S K Ni Cu Sn Au ; Other: Cl Ca Ti Ge Ba; Trace: Sr Y Zr Nb Ru Rh Sb.	Reportable: Cu Sn Ba 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. E Appendix C relevant compounds ¹⁾
FE2444-04	22-003 Smart Phone XT2203 series, Black connection cable, White outer cable jacket				14.88%	PTFE	Main: S; Other: Al Si Ti; Trace: Co Ni Cu Zn Nd.	Reportable: Al Si Co;
FE2444-05	22-003 Smart Phone XT2203 series, Black connection cable, Outer wire				33.83%		Main: S Cu Sn; Other: Si P Cl K Ni Zn; Trace: Y Zr Nb Ba La Yb W Bi.	Reportable: Cu Zn Sn;
FE2444-06	22-003 Smart Phone XT2203 series, Black connection cable, white inner jacket				19.68%	PTFE	Main: S; Other: Al Si P Cl Ti Cu; Trace: Rh Ag.	Reportable: Al Si;
FE2444-07	22-003 Smart Phone XT2203 series, Black connection cable, Inner wire				5.83%		Main: S Cu Ag; Other: Si P Cl Ni Zn; Trace: Ti Y Zr Nb Rh Sb Ba W Bi.	Reportable: Cu Zn Ag;
FE2445-00	22-003 Smart Phone XT2203 series, White connection cable			0.173	0.11%			
FE2445-01	22-003 Smart Phone XT2203 series, White connection cable, Black plastic insert				1.13%	PP	Main: S; Other: Al Si Ca Fe; Trace: Ti Ni Cu Zn Rh.	Reportable: Al Si Fe;
FE2445-02	22-003 Smart Phone XT2203 series, White connection cable, Metal housing				17.17%		Main: P Ni Cu Sn; Other: Si S Cl Zn Au; Trace: Ti Ge Zr Nb Ag Bi.	Reportable: Cu Sn Au; Controlled: Ni.
FE2445-03	22-003 Smart Phone XT2203 series, White connection cable, Golden contacts				1.29%		Main: Si P S Cl Ni Cu Sn; Other: K Ca Ti Zn Sr Ba Au; Trace: Ge Br Y Zr Nb Rh Sb Ti Bi.	Reportable: Cu Zn Sn Ba Au; Controlled: Ni.
FE2445-04	22-003 Smart Phone XT2203 series, White connection cable, White outer jacket				15.49%	PTFE	Main: S; Other: Al Si P Cl Ti; Trace: Ni Cu Zn.	Reportable: Al Si;




Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾	
FE2445-05	22-003 Smart Phone XT2203 series, White connection cable, Outer wire				35.85%		Main: S Cu Sn; Other: Si P Cl K Ni Zn Ba; Trace: Ge Y Zr Nb La.	Reportable: Cu Zn Sn Ba; Controlled: Ni.	
FE2445-06	22-003 Smart Phone XT2203 series, White connection cable, White inner jacket				20.33%	PTFE	Main: ; Other: Al Si S Ti; Trace: V Ni Cu Nd.	Reportable: Al;	
FE2445-07	22-003 Smart Phone XT2203 series, White connection cable, Inner wire				8.74%		Main: S Cu Ag; Other: Si P Cl Mn Ni Zn; Trace: Ti Ge Sr Y Zr Nb Rh Ba W Bi.	Reportable: Cu Zn Ag; Controlled: Ni.	
FE2446-00	22-003 Smart Phone XT2203 series, Main PWB			14.983	9.57%				
FE2446-01	22-003 Smart Phone XT2203 series, Main PWB					66.04%		(see x,y-Scan Results) Main: Al Si S Ti Fe Ni Cu Sn; Other: P Cl K Ca Co Zn Ag Ba Ta Au; Trace: Cr Mn Sr Zr Mo Pd.	Reportable: Al Si P Fe Co Cu Zn Ag Sn Ba Ta Au; Controlled: Ni, Pb.
FE2446-02	22-003 Smart Phone XT2203 series, Main PWB, Thermal paste					1.87%	Silicone	Main: Al Si Zn; Other: P K Ca Fe Ni; Trace: Ti V Ga Sn Sb W.	Reportable: Al Si P Fe Zn;
FE2446-03	22-003 Smart Phone XT2203 series, Main PWB, Black foil					2.63%	Metal 40% PET 40% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Zn Hf; Trace: Ca Ti Ga Rh Sb Pr W Tl.	Reportable: Al Si P Cu Zn; Controlled: Ni.
FE2446-04	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 1					1.61%		Main: Si S Ni Cu Zn; Other: P Cl Fe Sn Ba; Trace: Ti Ge Sr Y Zr Nb Rh Ag La Bi.	Reportable: Fe Cu Zn Sn Ba; Controlled: Ni.
FE2446-05	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 2				7.32%		Main: Si Ni Cu Zn; Other: P S Cl Mn Fe Sn Nd; Trace: Ti V Cr Ge Y Zr Ru Rh Ag I Pr Bi.	Reportable: Fe Cu Zn Sn Nd; Controlled: Ni.	






Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2446-06	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 3				6.21%		Main: Ni Cu Zn; Other: Si P S Cl Mn Fe Sn; Trace: Ge Y Zr Rh Ag Ba Pr Nd Bi.	Reportable: Fe Cu Zn Sn; Controlled: Ni .
FE2446-07	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 4				0.81%		Main: Ni Cu Zn; Other: Si P S Cl Mn Fe Sn Nd; Trace: V Ge As Se Y Zr Rh Ag I Ba Pr Bi.	Reportable: Fe Cu Zn Sn Nd; Controlled: Ni .
FE2446-08	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 5				0.25%		Main: Si S Ni Cu Zn; Other: P Cl Fe Sn Ba; Trace: Ti Ge Sr Y Zr Nb Rh Ag La Bi.	Reportable: Fe Cu Zn Sn Ba; Controlled: Ni.
FE2446-09	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 6				1.05%		Main: Ni Cu Zn; Other: Si P S Cl Mn Fe Sn; Trace: Ti Ge As Se Y Zr Rh Ag Ba Nd Bi.	Reportable: Fe Cu Zn Sn; Controlled: Ni .
FE2446-10	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 7				3.91%		Main: Ni Cu Zn; Other: Si P S Cl Mn Fe Sn; Trace: Ge Se Y Zr Rh Ag Ba Nd Bi.	Reportable: Fe Cu Zn Sn; Controlled: Ni .
FE2446-11	22-003 Smart Phone XT2203 series, Main PWB, Metal shielding 8				5.49%		Main: Si Ni Cu Zn; Other: Al P S Cl K Cr Mn Fe Sn; Trace: Ga Ge As Se Y Zr I Ba Nd Bi.	Reportable: Al Cr Fe Cu Zn; Controlled: Ni .
FE2446-12	22-003 Smart Phone XT2203 series, Main PWB, Metal plate				1.17%		Main: Al Si Ca Ti; Other: P S Cl K Cr Mn Fe Ni Cu Zn Ga ; Trace: Co Sr Zr Nb Mo Sn Ba.	Reportable: Al Cr Fe Co Cu Zn; Controlled: .
FE2446-13	22-003 Smart Phone XT2203 series, Main PWB, White glue				0.19%	Acrylic	Main: Al Si Ca Ti; Other: P S Cl Fe Zn Sr; Trace: Mn Ni Cu Zr Nb .	Reportable: Al Si Fe Zn; Controlled: .
FE2446-14	22-003 Smart Phone XT2203 series, Main PWB, Shock pad				0.03%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S Ni Cu; Other: Cl Ti Zn Hf; Trace: Fe Ga Rh .	Reportable: Al Si Cu Zn; Controlled: Ni .

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2446-15	22-003 Smart Phone XT2203 series, Main PWB, Humidity indicator				0.00%	Paper 80% Acrylic 20%	Main: ; Other: Al Si S Ti Ni Cu Zn; Trace: Cr Rh Hf W.	Reportable: Al Zn; Controlled: Ni .
FE2446-16	22-003 Smart Phone XT2203 series, Main PWB, Metal frames				1.42%		Main: Ni Cu Zn Sn; Other: Si P S Cl Mn Fe Ag Ba; Trace: Ge Y Zr Rh Nd Bi.	Reportable: Fe Cu Zn Ag Sn Ba; Controlled: Ni.
FE2447-00	22-003 Smart Phone XT2203 series, Sub PWB 1		1.090	0.70%				
FE2447-01	22-003 Smart Phone XT2203 series, Sub PWB 1				96.95%		(see x,y-Scan Results) Main: Si Ca Cr Fe Ni Cu; Other: Al P Cl K Ti V Mn Co Sr Mo Pd Ag Sn Ba; Trace: Zn Ge Se Rb Y Zr Ce.	Reportable: Al Si Cr Fe Co Cu Pd Ag Sn Ba; Controlled: Ni, Pb.
FE2447-02	22-003 Smart Phone XT2203 series, Sub PWB 1, Metal shielding				2.16%		Main: S Ni Cu Zn; Other: Si P Cl Fe Sn Ba; Trace: Mn Ge As Y Zr Rh Ag I La Pr.	Reportable: Fe Cu Zn Sn Ba; Controlled: Ni.
FE2447-03	22-003 Smart Phone XT2203 series, Sub PWB 1, Humidity indicator				0.06%	Paper 80% Acrylic 20%	Main: ; Other: Al Si P S Ca Ti Ni Zn; Trace: Cr Cu Rh Pd W.	Reportable: Al Si; Controlled: Ni.
FE2447-04	22-003 Smart Phone XT2203 series, Sub PWB 1, Black rubber seal				0.83%	Silicone	Main: Al Si S; Other: P Cl; Trace: Ti Zn .	Reportable: Al Si; Controlled: .
FE2448-00	22-003 Smart Phone XT2203 series, Sub PWB 2			0.173	0.11%			Main: Si S Fe Ni Cu; Other: Al P Cl K Ca Ti Cr Mn Sr Ag Sn Ba Au; Trace: Ge Zr Pd I.
FE2449-00	22-003 Smart Phone XT2203 series, PWB Connection/Sim card flex		1.628	1.04%				


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾	
FE2449-01	22-003 Smart Phone XT2203 series, PWB Connection/Sim card flex, Flex				98.13%		Main: Si S Cu Sn; Other: Al P Cl K Ca Ti Fe Ni Zn Sr Zr Ag Ba W; Trace: Co Nb Mo.	Reportable: Al Si Fe Co Cu Ag Sn Ba W; Controlled: Ni.	
FE2449-02	22-003 Smart Phone XT2203 series, PWB Connection/Sim card flex, Shock pad				0.82%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca; Trace: Ti Ni Cu Zn.	Reportable: Al Si P;	
FE2449-03	22-003 Smart Phone XT2203 series, PWB Connection/Sim card flex, Metallic glue strip				1.04%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Fe Zn Hf; Trace: Cr Mn Ga.	Reportable: Al Si P Fe Cu Zn; Controlled: Ni.	
FE2450-00	22-003 Smart Phone XT2203 series, Display Flex			1.483	0.95%				
FE2450-01	22-003 Smart Phone XT2203 series, Display Flex, Flex					83.54%		(see x,y-Scan Results) Main: P Ni Cu Au; Other: Al Si S Cl K Ca Ti Cr Fe Co Zn Ge Zr Sn Ba; Trace: Ga Sr Y Nb Mo Pd Ag I.	Reportable: Al Si P Cr Fe Co Cu Ba Au; Controlled: Ni, Pb.
FE2450-02	22-003 Smart Phone XT2203 series, Display Flex, Metallic glue strip					10.63%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Zn Hf; Trace: Fe Ga Sb Pr.	Reportable: Al Cu Zn; Controlled: Ni.
FE2450-03	22-003 Smart Phone XT2203 series, Display Flex, Black glue strip					5.83%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ti Zn Hf; Trace: Ca Fe Ga Sb Ba.	Reportable: Al Si P Cu; Controlled: Ni.
FE2451-00	22-003 Smart Phone XT2203 series, Button flex		0.131	0.08%			Main: Al P S Ni Cu; Other: Si Cl K Ca Ti Cr Fe Zn Zr Ag Ba Au; Trace: Mn Ga Ge Sr Y Nb Mo Sn.	Reportable: Al Si P Cr Fe Cu Ag Ba 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. E Appendix C relevant compounds ¹⁾
FE2452-00	22-003 Smart Phone XT2203 series, Antenna flex		0.353	0.23%			Main: Si S Fe Ni Cu Zn; Other: Al P Cl K Ca Ti Cr Mn Co Sr Zr Ba Ta W; Trace: Au Bi.	Reportable: Al Si P Cr Fe Co Cu Zn Ba Ta W; Controlled: Ni.
FE2453-00	22-003 Smart Phone XT2203 series, Lightning PWB		0.068	0.04%			Main: Al Si S Cu Ba; Other: Cl K Ca Ti Ni Zn Ga Sr Y Sn Au; Trace: Zr Ag I Ce.	Reportable: Al Si Cu Zn Y Sn Ba Au; Controlled: Ni.
FE2454-00	22-003 Smart Phone XT2203 series, Blue metal housing frame		31.020	19.81%				
FE2454-01	22-003 Smart Phone XT2203 series, Blue metal housing frame, Golden screw insert				0.11%		Main: S Cu Zn Pb ; Other: P Cl Fe Ni Ge Sn Sb Ba Bi; Trace: Ti Co Sr Y Zr Rh In.	Reportable: Fe Co Cu Zn Sn Sb Ba Bi; Controlled: Ni Pb.
FE2454-02	22-003 Smart Phone XT2203 series, Blue metal housing frame, Golden contacts				0.05%		Main: Al Si P S Ni Cu Au ; Other: Cl K Cr Mn Fe Zn Ge Nd W; Trace: Ti V Zr Te Ba.	Reportable: Al Cr Fe Cu Zn Nd W Au; Controlled: Ni.
FE2454-03	22-003 Smart Phone XT2203 series, Blue metal housing frame, Black plastic frame				20.01%	PC GF	Main: ; Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Cu Sr Zr In.	Reportable: Al Si P Fe;
FE2454-04	22-003 Smart Phone XT2203 series, Blue metal housing frame, Metal Plate				79.83%		Main: Al Si Cu; Other: P S Cl K Ca Ti Cr Mn Fe Zn; Trace: V Ni Ga Sr Zr Pb.	Reportable: Al Cr Fe Cu Zn;
FE2455-00	22-003 Smart Phone XT2203 series, Display parts		20.422	13.04%				

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2455-01	22-003 Smart Phone XT2203 series, Display parts, Front glass with LCD				91.34%		Main: Al Si K; Other: P Zn Sn; Trace: Cl Ti Fe Ga Zr Ag I Ba.	Reportable: Al Si Sn;
FE2455-02	22-003 Smart Phone XT2203 series, Display parts, Display foil with flex				8.66%		Main: Al Si S Ti; Other: P Cl Mo Ag; Trace: K In.	Reportable: Al Si P Ag;
FE2456-00	22-003 Smart Phone XT2203 series, Plastic parts		12.382	7.91%				
FE2456-01	22-003 Smart Phone XT2203 series, Camera cover, Black glue				0.40%	Acrylic	Main: ; Other: Al Si P S Cl K Ca Zn; Trace: Ti Ni Cu Pr.	Reportable: Al Si Zn;
FE2456-02	22-003 Smart Phone XT2203 series, Camera cover				9.91%	PC/ABS	Main: Si; Other: Al P S Cl K Ti Zn; Trace: Ca Zr In.	Reportable: Al Si;
FE2456-03	22-003 Smart Phone XT2203 series, Camera cover, Lenses				2.79%		Main: Al Si K Ti; Other: P S Cl Sn; Trace: Fe Cu Ga Zr.	Reportable: Al Si Sn;
FE2456-04	22-003 Smart Phone Dubai 22, XT 2203 series, Camera cover, Black glue strips				0.13%	PET 80% ASA 20%	Main: Si S; Other: Al P Cl K Ca; Trace: Ti Fe Ni Cu Zn Sb.	Reportable: Al Si;
FE2456-05	22-003 Smart Phone XT2203 series, Camera cover, Black plastic plate				11.49%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: Mn Cu Sr Zr.	Reportable: Al Si Fe;
FE2456-06	22-003 Smart Phone XT2203 series, Black plastic cover 2				5.70%	PC	Main: Si P Cr Cu; Other: Al S Cl K Ca Mn Fe Zn Mo Nd; Trace: Ti.	Reportable: Al Si P Cr Fe Cu Zn Nd;
FE2456-07	22-003 Smart Phone XT2203 series, Black plastic foil				1.55%	Cellulose Polyester	Main: Si; Other: Al P S; Trace: Ti Sb.	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. E Appendix C relevant compounds ¹⁾
FE2456-08	22-003 Smart Phone XT2203 series, Black plastic cover 1				14.18%	PC	Main: Si P Cr Ni Cu; Other: Al S Cl K Ca Mn Fe Zn Mo; Trace: .	Reportable: Al Si P Cr Fe Cu Zn; Controlled: Ni .
FE2456-09	22-003 Smart Phone XT2203 series, Power button				0.30%	TPU 97% PMMA 3%	Main: S; Other: Al Si P Cl Ca Zn; Trace: Ti Mn Cu Ba.	Reportable: Al Si;
FE2456-10	22-003 Smart Phone XT2203 series, Volume button				0.61%	PC 97% PMMA 3%	Main: ; Other: Al Si P S Cl K Ca Zn; Trace: Ti Cu In Ba.	Reportable: Al Si P;
FE2456-11	22-003 Smart Phone XT2203 series, Light guide				0.16%	PMMA	Main: S; Other: Al Si Cl Ca; Trace: Ti Ni.	Reportable: Al Si;
FE2456-12	22-003 Smart Phone XT2203 series, Black plastic back cover				52.78%	PC/PET 97% PMMA 3%	Main: Al Si; Other: P S Cl Ca Ti V Ba; Trace: K Fe Sr Nb.	Reportable: Al Si Ba;
FE2457-00	22-003 Smart Phone XT2203 series, Metal plates		1.568	1.00%				
FE2457-01	22-003 Smart Phone XT2203 series, Metal plates, Metal plate 1				79.91%		Main: Cr Fe Ni; Other: Si P S Cl K V Mn Co Cu Mo Nd; Trace: Ca Zn Ge As Nb Rh Ba Ti.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.
FE2457-02	22-003 Smart Phone XT2203 series, Metal plates, Metal plate 2				10.08%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Mo Nd; Trace: Zn Ge As Nb Rh Ba.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.
FE2457-03	22-003 Smart Phone XT2203 series, Metal plates, Metal plate 3				10.01%		Main: Cr Fe Ni; Other: Si P S Cl K V Mn Co Cu Nd; Trace: Ca Zn Ge Mo Ru Rh Ba.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2458-00	22-003 Smart Phone XT2203 series, Screws		0.800	0.51%				
FE2458-01	22-003 Smart Phone XT2203 series, Silver screws				26.00%		Main: Si Fe Ni; Other: P S Cl K Mn Cu Zn; Trace: Ca Cr Ba Pr.	Reportable: Fe Cu Zn; Controlled: Ni .
FE2458-02	22-003 Smart Phone XT2203 series, Black screws 1				68.81%		Main: P Ca Fe Zn; Other: Si S Cl K Ti Cr Mn Co Cu Y Mo; Trace: Ge Zr Ba La Pr Bi.	Reportable: Cr Fe Co Cu Zn Y; Controlled: .
FE2458-03	22-003 Smart Phone XT2203 series, Black screws 2				5.19%		Main: Si S Ca Fe Ni Cu; Other: P Cl K Cr Mn Co Sn; Trace: Ti Zn As Zr Rh Ba.	Reportable: Cr Fe Co Cu Sn; Controlled: Ni.
FE2459-00	22-003 Smart Phone XT2203 series, Labels		0.026	0.02%				
FE2459-01	22-003 Smart Phone XT2203 series, Labels 1+2+3				70.00%	Paper 80% SB 20%	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: Co Ni Cu Zn Sr .	Reportable: Al Si Fe Co; Controlled: .
FE2459-02	22-003 Smart Phone XT2203 series, Labels 4+5				30.00%	PET 80% Acrylic 20%	Main: Al Si Ca Ti; Other: P S Cl K Fe Zn; Trace: Cr Mn Ni Cu Nb Sb.	Reportable: Al Si P Fe Zn; Controlled: .
FE2460-00	22-003 Smart Phone XT2203 series, Shock pads		0.224	0.14%				
FE2460-01	22-003 Smart Phone XT2203 series, Metallic shock pads 1+2				8.75%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Fe; Trace: Ti Cr Ni Cu Zn Sb.	Reportable: Al Si Fe;
FE2460-02	22-003 Smart Phone XT2203 series, Metallic shock pads 3+4+5+6+7+9+10				22.23%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S Cl Ni Cu; Other: P K Ca Ti Zn Hf; Trace: Cr Fe Ga Ba.	Reportable: Al Si Cu; Controlled: Ni.
FE2460-03	22-003 Smart Phone XT2203 series, Metallic shock pad 8				5.27%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Zn Hf; Trace: Cr Fe Ga Sb Nd.	Reportable: Al Si Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2460-04	22-003 Smart Phone XT2203 series, Black shock pad 1				1.07%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti; Trace: Ni Rh.	Reportable: Al Si;
FE2460-05	22-003 Smart Phone XT2203 series, Black shock pads 2+5				12.68%	PUR 60% PET 20% Acrylic 20%	Main: ; Other: Al Si P S Cl K Ca Ni; Trace: Ti Cr Mn Fe Cu Zn Sb.	Reportable: Al;
FE2460-06	22-003 Smart Phone XT2203 series, Black shock pads 3+4+6				26.52%	PUR 60% PET 20% Acrylic 20%	Main: Cl; Other: Al Si P S K Ca Cr; Trace: Ti Mn Ni Cu Zn Sb Ba.	Reportable: Al Si Cr; Controlled: .
FE2460-07	22-003 Smart Phone XT2203 series, Black shock pad 7				9.11%	PUR 60% PET 20% Acrylic 20%	Main: Al Ca; Other: Si P S Cl K Ni Zn; Trace: Ti Mn Cu Sb.	Reportable: Al Si;
FE2460-08	22-003 Smart Phone XT2203 series, Black shock pad 8				14.38%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl Fe Zn; Trace: K Ti Ni Cu Sb.	Reportable: Al Si Fe;
FE2461-00	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3		5.283	3.37%				
FE2461-01	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black glue 1				3.06%	Acrylic	Main: ; Other: Al Si P S Cl K Ca Ti Zn; Trace: Fe Cu Nb Ba Yb W.	Reportable: Al Si Zn;
FE2461-02	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black plastic				0.32%	Cellulose Polyester 80% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca Fe; Trace: Ti Ni Cu Zn.	Reportable: Al Si 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. E Appendix C relevant compounds ¹⁾
FE2461-03	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Copper glue strips 1+2				1.29%		Main: Si Ni Cu; Other: P S Cl Zn Nd; Trace: Ti Cr Mn Ge Br Y Zr Nb Sb Ba Pr W Bi.	Reportable: Cu Zn Nd; Controlled: Ni.
FE2461-04	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Clear glue strip				0.03%	PET 80% Acrylic 20%	Main: Al S; Other: Si Cl K Ca Ti Cr Fe Ni; Trace: Mn Cu Zn.	Reportable: Al Si Cr Fe; Controlled: Ni.
FE2461-05	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Metallic glue strip				0.02%	Acrylic	Main: S Ni Cu; Other: Al Si P Cl Fe Zn Hf; Trace: Ti Rh .	Reportable: Al Si Fe Cu Zn; Controlled: Ni .
FE2461-06	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black glue 2				0.82%	Acrylic	Main: Zn; Other: Al Si P S Cl K Ca Cu W; Trace: Ti Fe Ni Ce.	Reportable: Al Zn W;
FE2461-07	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black glue 3				0.03%	Acrylic	Main: S Ni Cu; Other: Al Si P Cl K Ti Y Hf; Trace: Fe Zn Sr.	Reportable: Al Si Cu Y; Controlled: Ni .
FE2461-08	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Copper foil				93.28%		Main: Cu; Other: Si P K Zn; Trace: S Cl Cr Mn Ga Ge Y Zr Nb Ru Rh Ba La Nd W Bi.	Reportable: Cu Zn; Controlled: .

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾	
FE2461-09	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, White glue strip				1.16%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K V Zn; Trace: Ca Mn Ni Cu Nb Sb.	Reportable: Al Si Zn;	
FE2462-00	22-003 Smart Phone XT2203 series, Black glue strips		1.551	0.99%					
FE2462-01	22-003 Smart Phone XT2203 series, Black glue strip 1			0.58%		PET 80% Acrylic 20%	Main: Al Si S Cl; Other: K Ca Ti Fe; Trace: Cr Ni Cu Zn Sb.	Reportable: Al Si Fe; Controlled: .	
FE2462-02	22-003 Smart Phone XT2203 series, Black glue strip 2					1.98%	PE 80% Acrylic 20%	Main: ; Other: Al Si S Cl K Ca Ti Zn; Trace: Cr Mn Fe Ni Cu.	Reportable: Al Si Zn;
FE2462-03	22-003 Smart Phone XT2203 series, Black glue strip 3					40.68%	PUR 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K; Trace: Ti Cu Sb.	Reportable: Al Si;
FE2462-04	22-003 Smart Phone Dubai 22, XT 2203 series, Black glue strip 4					0.26%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl Ca Ti; Trace: Cr Mn Fe Ni Cu Zn Rh Sb.	Reportable: Al Si P; Controlled: .
FE2462-05	22-003 Smart Phone XT2203 series, Black glue strip 5+11					34.44%	Cellulose Polyester 80% Acrylic 20%	Main: Al; Other: Si P S K; Trace: Ti Ni Sb.	Reportable: Al Si P;
FE2462-06	22-003 Smart Phone XT2203 series, Black glue strip 6+7					17.37%	Cellulose Polyester 80% Acrylic 20%	Main: Al; Other: Si P S Cl; Trace: Ti.	Reportable: Al Si P;
FE2462-07	22-003 Smart Phone XT2203 series, Black glue strip 8					1.14%	PET 80% Acrylic 20%	Main: ; Other: Al Si P S Cl K Zn; Trace: Ti Mn Ni Cu .	Reportable: Al Si P Zn; Controlled: .
FE2462-08	22-003 Smart Phone XT2203 series, Black glue strip 9					0.22%	PUR 80% Acrylic 20%	Main: S; Other: Al Si P Cl Ni; Trace: Ti Cr Mn Cu Zn Rh Nd.	Reportable: Al Si; Controlled: .

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FE2462-09	22-003 Smart Phone XT2203 series, Black glue strip 10				3.33%	PET 80% Acrylic 20%	Main: Si; Other: Al P S K Ca Ti; Trace: Mn Fe Ni Cu Zn Sb.	Reportable: Al Si;
FE2463-00	22-003 Smart Phone XT2203 series, Thermal paste 1-2, Black rubber cover, Black plastic net		0.208	0.13%				
FE2463-01	22-003 Smart Phone XT2203 series, Thermal paste 1+2				89.52%	Silicone	Main: Al Si Zn; Other: P Ca Fe; Trace: Ti V Ga Ge Hf.	Reportable: Al Si P Fe Zn;
FE2463-02	22-003 Smart Phone XT2203 series, Black rubber cover				8.61%	Silicone	Main: Si; Other: S Cl K; Trace: Ti Fe Ni Zn .	Reportable: Si; Controlled: .
FE2463-03	22-003 Smart Phone XT2203 series, Black plastic net				1.88%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S Cl; Other: P K Ca Ti Zn; Trace: Cr Mn Fe Ni Cu Rh .	Reportable: Al Si P; Controlled: .

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

* indicates potential presence of Brominated Flame Retardants (other than PBBs or PBDEs)

** Sample tested for CrVI by colorimetric method.

The determinable concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials for material with a weight below 0.02 g.

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 FE2435-19 Top



Bromine

Not detected

Lead



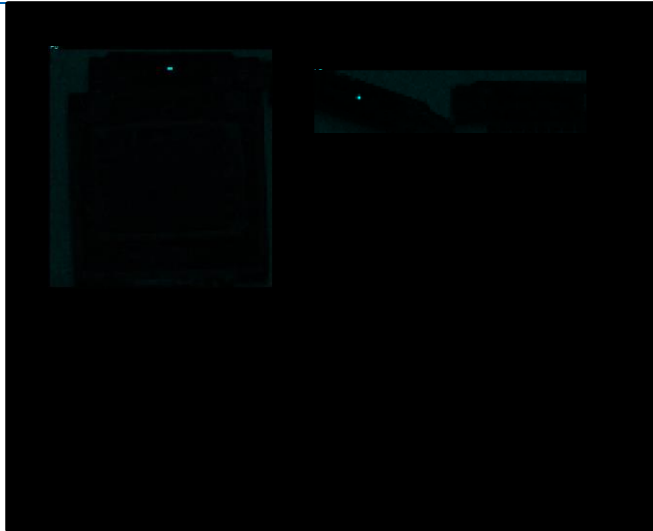
Results x,y Scan Sample FE2440-01 Top



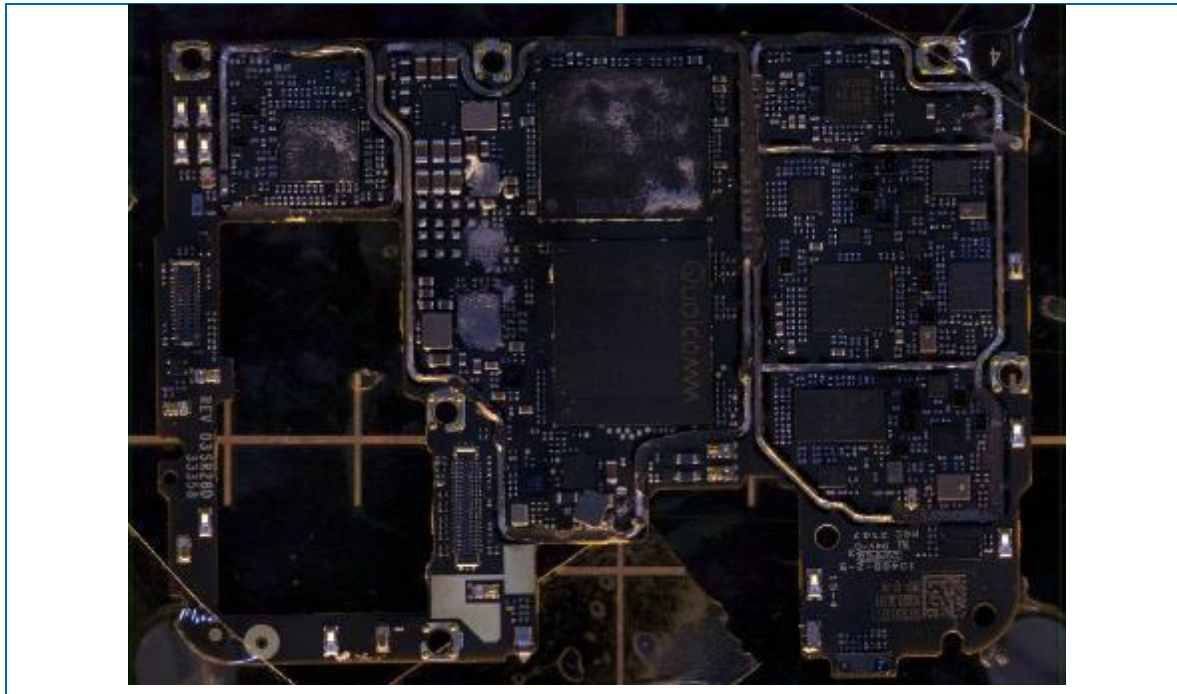
Bromine

Not detected

Lead



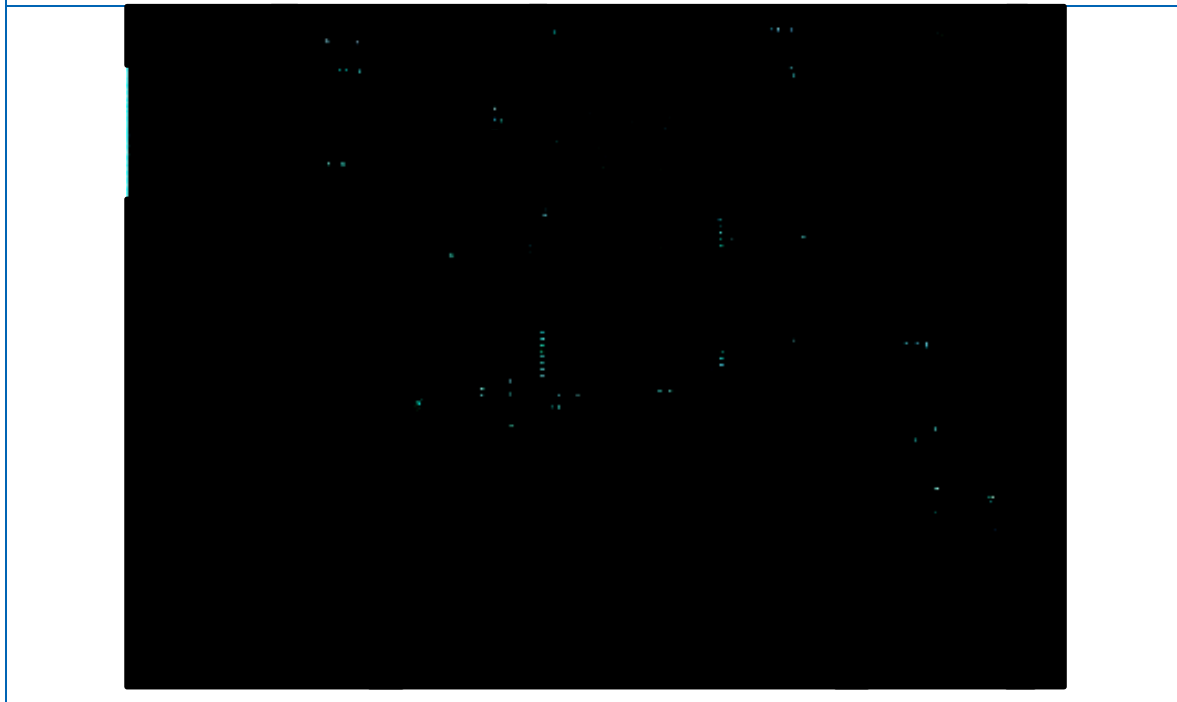
Results x,y Scan Sample FE2446-01 Top



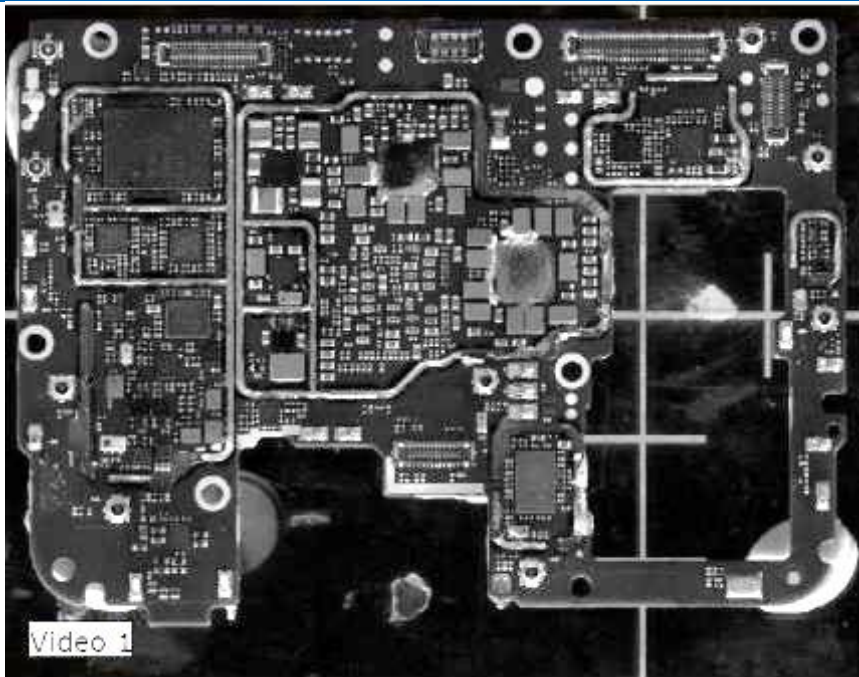
Bromine

Not detected

Lead



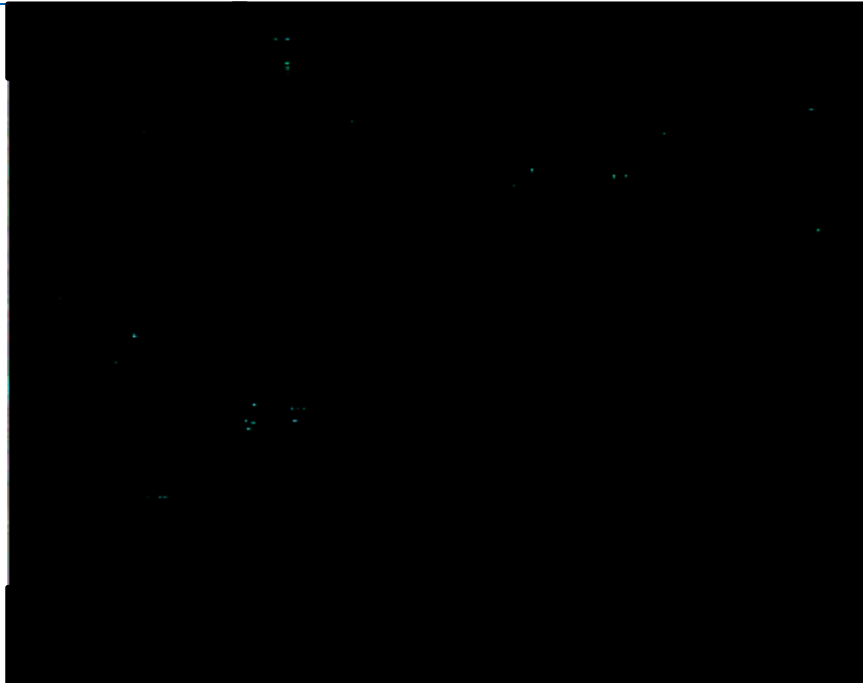
Results x,y Scan Sample FE2446-01 Bottom



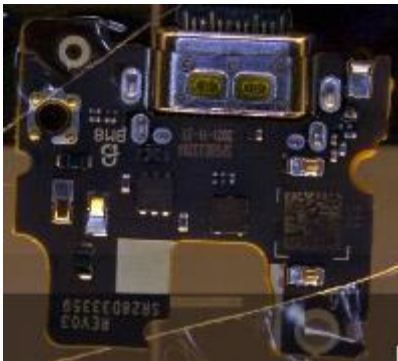
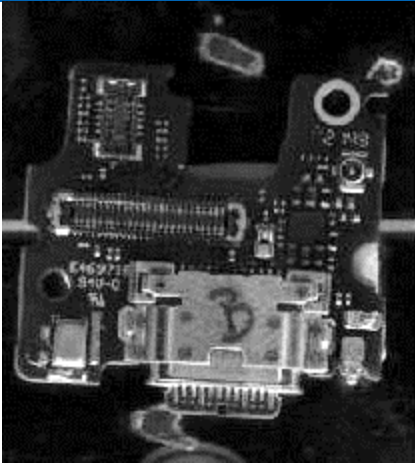
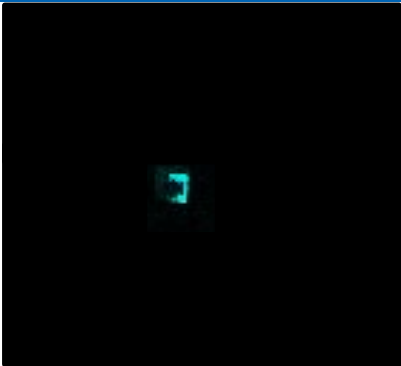

Bromine

Not detected

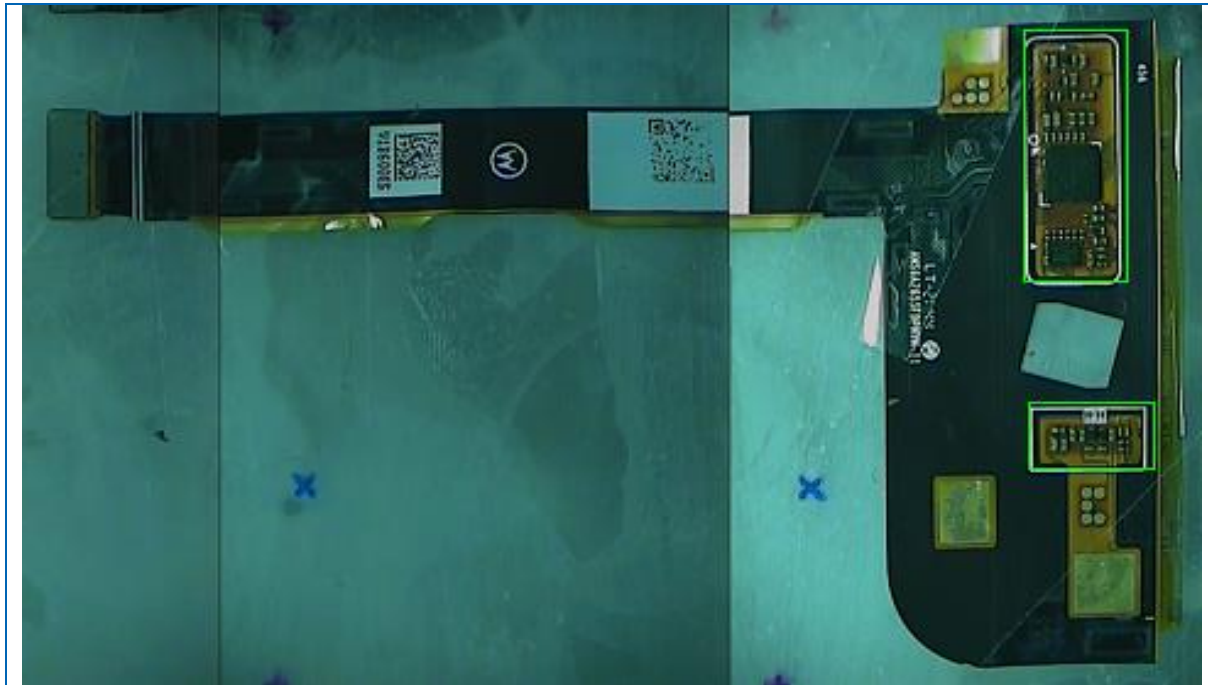
Lead



Results x,y Scan Sample FE2447-01

	
<p>Bromine</p>	
<p>Not detected</p>	
<p>Lead</p>	
	

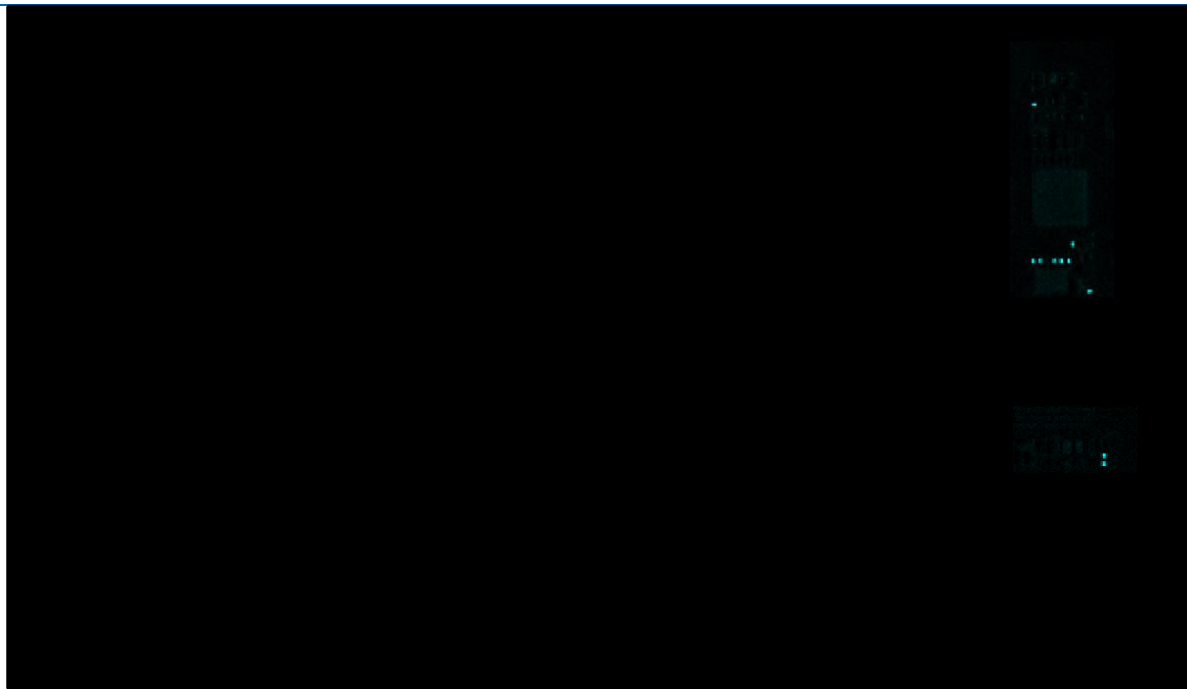
Results x,y Scan Sample FE2450-01 Top



Bromine

Not detected

Lead





5 Summary REACH 1907/2006/EC screening results

According to §33 Reach information needs to be provided within the supply chain if the concentration of a SVHC substance calculated for the article is higher than 0.1 %. The table below summarizes the organic substances detected with concentrations > 0.1% calculated for the articles according to SVHC substance list dated July 08th, 2021, Annex XIV List dated February 07th, 2020 and Annex XVII List dated December 15th, 2021.

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

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

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

The following substances were detected in the samples.

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction ¹⁾ (% w/w)	Substance concentration in article ²⁾ (% w/w)	SVHC > 0.1% Reporting required? ²⁾ (Y/N/Risk)
Smart Phone XT2203 series	FG1375	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	4-methyl-m-phenylenediamine (toluene-2,4-diamine) (Entry 28)	0.020	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.027	<0.001	N
	FG1376	N,N-Dimethylacetamide	-	N,N-Dimethylacetamide (Entry 30)-	0.002	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.056	<0.001	N
	FG1377	-	-	Diisocyanates (Entry 74)	0.008	<0.001	N
	FG1378	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	4-methyl-m-phenylenediamine (toluene-2,4-diamine) (Entry 28)	0.009	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.082	<0.001	N
	FG1379	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	4-methyl-m-phenylenediamine (toluene-2,4-diamine) (Entry 28)	0.003	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.037	<0.001	N
	FG1380	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.782	0.017	N³⁾
	FG1381	-	-	Diisocyanates (Entry 74)	0.019	<0.001	N
	FG1382	N,N-Dimethylacetamide	-	N,N-Dimethylacetamide (Entry 30)-	0.001	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.018	<0.001	N



Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction ¹⁾ (% w/w)	Substance concentration in article ²⁾ (% w/w)	SVHC > 0.1% Reporting required? ²⁾ (Y/N/Risk)	
Smart Phone XT2203 series	FG1383	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	4-methyl-m-phenylenediamine (toluene-2,4-diamine) (Entry 28)	0.013	<0.001	N	
		N,N-Dimethylacetamide	-	N,N-Dimethylacetamide (Entry 30)-	0.003	<0.001	N	
		-	-	Diisocyanates (Entry 74)	0.129	<0.001	N	
	FG1384	-	-	-	-	-	-	
	FG1385	-	-	-	-	-	-	
	FG1386	-	-	-	-	-	-	
	FG1387	-	-	Diisocyanates (Entry 74)	0.036	<0.001	N	
	FG1388	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	4-methyl-m-phenylenediamine (toluene-2,4-diamine) (Entry 28)	0.003	<0.001	N	
		N,N-Dimethylacetamide	-	N,N-Dimethylacetamide (Entry 30)-	0.002	<0.001	N	
		-	-	Diisocyanates (Entry 74)	0.026	<0.001	N	
	FG1389	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.018	<0.001	N	
		-	-	Diisocyanates (Entry 74)	0.003	<0.001	N	
	FG1390	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.457	0.105	Y	
	FG1391	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	-	0.005	0.001	N
	FG1392	-	-	Diisocyanates (Entry 74)	0.001	<0.001	N	



Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction ¹⁾ (% w/w)	Substance concentration in article ²⁾ (% w/w)	SVHC > 0.1% Reporting required? ²⁾ (Y/N/Risk)
Smart Phone XT2203 series	FG1393	-	-	-	-	-	-
	FG1394	4-tert-butylphenol ⁴⁾	-	-	0.052	<0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.017	<0.001	N
	FG1395	4-tert-butylphenol ⁴⁾	-	-	0.019	<0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.041	<0.001	N
	FG1396	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.031	<0.001	N
	FG1397	4-tert-butylphenol ⁴⁾	-	-	0.029	<0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.027	<0.001	N
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.005	<0.001	N
	FG1398	4-tert-butylphenol ⁴⁾	-	-	0.074	<0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.037	<0.001	N



Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction ¹⁾ (% w/w)	Substance concentration in article ²⁾ (% w/w)	SVHC > 0.1% Reporting required? ²⁾ (Y/N/Risk)
Smart Phone XT2203 series	FG1399	4-tert-butylphenol ⁴⁾	-	-	0.081	0.003	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.041	0.001	N
		-	-	Diisocyanates (Entry 74)	0.001	<0.001	N
	FG1400	4-tert-butylphenol ⁴⁾	-	-	0.042	0.002	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.027	0.001	N
	FG1401	4-tert-butylphenol ⁴⁾	-	-	0.027	0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.040	0.002	N
	FG1402	4-tert-butylphenol ⁴⁾	-	-	0.020	<0.001	N
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.016	<0.001	N
	FG1403	4-tert-butylphenol ⁴⁾	-	-	0.032	<0.001	N



Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction ¹⁾ (% w/w)	Substance concentration in article ²⁾ (% w/w)	SVHC > 0.1% Reporting required? ²⁾ (Y/N/Risk)
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry66)	0.101	<0.001	N ³⁾

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.

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 homogeneous material may not be achieved.

* For the conditions of restriction please refer to "List of REACH Annex XVII substances" of this test report or 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



5.2 List of SVHC and Annex XIV substances

orthoboric acid, sodium salt ¹⁾	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP) ⁶⁾
Glutaral ¹⁾	Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17) ⁸⁾
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers ⁶⁾	4,4'-(1-methylpropylidene)bisphenol (BPB)
1,4-dioxane	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)
Bis(2-(2-methoxyethoxy)ethyl) ether	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety ²⁾
Butyl 4-hydroxybenzoate	Dibutylbis(pentane-2,4-dionato-O,O')tin ²⁾
1-vinylimidazole ¹⁾	2-methylimidazole ¹⁾
Perfluorobutane sulfonic acid (PFBS) and its salts ¹⁾	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 $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) ⁶⁾
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" TM)	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 ¹⁾
4,4'-isopropylidenediphenol (BPA)	4-heptylphenol, branched and linear
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts ¹⁾	Nonadecafluorodecanoic acid ¹⁾
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 ¹⁾	Perfluorononan-1-oic-acid ¹⁾
Sodium salts of perfluorononan-1-oic-acid ¹⁾	Ammonium salts of perfluorononan-1-oic-acid ¹⁾
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) ¹⁾	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
Henicosafuoroundecanoic acid ¹⁾	Heptacosafuorotetradecanoic acid ¹⁾
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
Pentacosafuorotridecanoic acid ¹⁾	Orange lead (lead tetroxide) ²⁾
Pyrochlore, antimony lead yellow ²⁾	Pentalead tetraoxide sulphate ²⁾
Silicic acid, lead salt ²⁾	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped ²⁾
Tetraethyllead ²⁾	Sulfurous acid, lead salt, dibasic ²⁾
Tricosafuorododecanoic acid ¹⁾	Tetralead trioxide sulphate ²⁾
Trilead dioxide phosphonate ²⁾	Trilead bis(carbonate) dihydroxide ²⁾
1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol ¹⁾
[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) ¹⁾	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) ¹⁾
Formamide ¹⁾	Diboron trioxide ¹⁾
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	Lead(II) bis(methanesulfonate) ²⁾
1,2-dichloroethane*	α,α-Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) ¹⁾
2-Methoxyaniline, o-Anisidine	2,2'-dichloro-4,4'-methylenedianiline*
Aluminosilicate Refractory Ceramic Fibres ⁵⁾	4-(1,1,3,3-tetramethylbutyl)phenol
Bis(2-methoxyethyl) ether*	Arsenic acid ²⁾ *
Calcium arsenate ²⁾	Bis(2-methoxyethyl) phthalate*
Formaldehyde, oligomeric reaction products with aniline*	Dichromium tris(chromate) ^{2,3)} *
Lead dipicrate ²⁾	Lead diazide, Lead azide ²⁾
N,N-dimethylacetamide	Lead styphnate ²⁾
Phenolphthalein	Pentazinc chromate octahydroxide ^{2,3)} *
Trilead diarsenate ²⁾	Potassium hydroxyoctaoxidizincatedichromate ^{2,3)} *



1,2,3-trichloropropane	Zirconia Aluminosilicate Refractory Ceramic Fibres ⁵⁾
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters*	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich*
2-ethoxyethyl acetate	1-Methyl-2-pyrrolidone
Strontium chromate ^{2,3)*}	Hydrazine ¹⁾
2-methoxyethanol	2-ethoxyethanol
Dichromic acid ^{2,3)}	Acids generated from chromium trioxide and their oligomers ^{2,3)*}
Chromic acid ^{2,3)}	Oligomers of chromic acid and dichromic acid ^{2,3)}
Cobalt(II) carbonate ²⁾	Chromium trioxide ^{2,3)*}
Cobalt(II) dinitrate ²⁾	Cobalt(II) diacetate ²⁾
Ammonium dichromate ^{2,3)*}	Cobalt(II) sulphate ²⁾
Boric acid, crude natural ¹⁾	Boric acid ¹⁾
Disodium tetraborate, anhydrous ¹⁾	Potassium chromate ^{2,3)*}
Potassium dichromate ^{2,3)*}	Sodium chromate ^{2,3)*}
Tetraboron disodium heptaoxide, hydrate ¹⁾	Trichloroethylene*
Acrylamide	2,4-dinitrotoluene*
Anthracene oil*	Anthracene oil, anthracene paste
Anthracene oil, anthracene paste, anthracene fraction	Anthracene oil, anthracene paste, distn. lights
Anthracene oil, anthracene-low	Diisobutyl phthalate (DIBP)*
Lead chromate ^{2)*}	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ^{2)*}
Lead sulfochromate yellow (C.I. Pigment Yellow 34) ^{2)*}	Pitch, coal tar, high-temp.*
Tris(2-chloroethyl) phosphate*	4,4'- Diaminodiphenylmethane (MDA)*
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)*	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) ⁸⁾
Anthracene	Benzyl butyl phthalate (BBP)*
Bis (2-ethylhexyl)phthalate (DEHP)*	Bis(tributyltin) oxide (TBTO)
Cobalt dichloride ²⁾	Diarsenic pentaoxide ^{2)*}
Diarsenic trioxide ^{2)*}	Dibutyl phthalate (DBP)*
Hexabromocyclododecane (HBCDD)*	Triethyl arsenate ²⁾
Lead hydrogen arsenate ²⁾	Sodium dichromate ^{2,3)*}

¹⁾ Not tested

²⁾ Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.

^{2, 3)} Relevant compounds based on XRF Screening and UV-Vis test results (selected chemical elements)

⁴⁾ Lead has been added to the list of Substances of Very High Concern in its metallic form. This does include alloys but not lead-based glass and ceramics.

⁵⁾ Relevant compounds based on XRF Screening: test results for Al and Si. For a statement regarding the actual presence of asbestos further testing is required.

⁶⁾ One isomer was tested as representative for substance group.

⁷⁾ Four isomers were tested as representative for substance group

⁸⁾ The detection limit for SCCP and MCCP in homogenous materials is 0.4%. For samples in Fractions the detectable concentration is higher depending on fraction composition and sample weight. For technical reasons, a differentiation between short and medium chain chlorinated paraffins is not possible. Further chemical analysis is necessary for differentiation.

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

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5.3 List of REACH Annex XVII substances

<p>75. (a) substances classified as any of the following in Part 3 of Annex VI to Regulation (EC) No 1272/2008 ¹⁾ (b) substances listed in Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council ¹⁾ (c) substances listed in Annex IV to Regulation (EC) No 1223/2009 for which a condition is specified in at least one of the columns g, h and i of the table in that Annex (d) substances listed in Appendix 13 to this Annex. ¹⁾</p>	<p>76. <i>N,N</i>-dimethylformamide</p>
<p>73. (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol Any of its mono-, di- or tri-O-(alkyl)derivatives (TDFAs) ¹⁾</p>	<p>74. Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length ⁷⁾</p>
<p>71. 1-methyl-2-pyrrolidone (NMP)</p>	<p>72. The substances listed in column 1 of the Table in Appendix 12 ^{1) 6)}</p>
<p>69. Methanol ¹⁾</p>	<p>70. Octamethylcyclotetrasiloxane (D4) ¹⁾ Decamethylcyclopentasiloxane (D5) ¹⁾</p>
<p>67. Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) ⁸⁾</p>	<p>68. Perfluorooctanoic acid ⁸⁾</p>
<p>65. Inorganic ammonium salts ¹⁾</p>	<p>66. 4,4'-isopropylidenediphenol (Bisphenol A) ¹⁾</p>
<p>63. Lead and its compounds ^{1) 3)}</p>	<p>64. 1,4-Dichlorobenzene ¹⁾</p>
<p>61. Dimethylfumarate (DMF)</p>	<p>62. Phenylmercury neodecanoate³⁾ Phenylmercury octanoate³⁾ Phenylmercury propionate³⁾ Phenylmercury acetate³⁾ Phenylmercury 2-ethylhexanoate³⁾</p>
<p>59. Dichloromethane ¹⁾</p>	<p>60. Acrylamide ¹⁾</p>
<p>57. Cyclohexane</p>	<p>58. Ammonium nitrate (AN) ¹⁾</p>
<p>55. 2-(2-butoxyethoxy)ethanol (DEGBE)¹⁾</p>	<p>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</p>
<p>52. (a) Di-'isononyl' phthalate (DINP) ¹⁾ (b) Di-'isodecyl' phthalate (DIDP) ¹⁾ (c) Di-n-octyl phthalate (DNOP) ¹⁾ (d) 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich ¹⁾ (e) 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich ¹⁾</p>	<p>54. 2-(2-methoxyethoxy)ethanol (DEGME)</p>
<p>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) (g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAha)</p>	<p>51. (a) Bis (2-ethylhexyl) phthalate (DEHP) ¹⁾ (b) Dibutyl phthalate (DBP) ¹⁾ (c) Benzyl butyl phthalate (BBP) ¹⁾</p>
<p>48. Toluene</p>	<p>49. Trichlorobenzene</p>
	<p>47. Chromium VI compounds ¹⁾</p>
<p>46. (a) Nonylphenol ^{1) 6)}</p>	<p>46a. Nonylphenol ethoxylates ^{1) 6)}</p>



(b) Nonylphenol ethoxylates ^{1) 6)}	
43. Azocolourants and Azodyes ^{1) 6)}	45. Diphenylether, octabromo derivative
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not. ¹⁾	41. Hexachloroethane ¹⁾
37. Pentachloroethane	38. 1,1-Dichloroethene
35. 1,1,2,2-Tetrachloroethane	36. 1,1,1,2-Tetrachloroethane
32. Chloroform ³⁾	34. 1,1,2-Trichloroethane
30. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B or toxic to reproduction category 1 or 2 ⁷⁾	31. (a) Creosote; wash oil ¹⁾ (b) Creosote oil; wash oil ¹⁾ (c) Distillates (coal tar), naphthalene oils; naphthalene oil ¹⁾ (d) Creosote oil, acenaphthene fraction; wash oil ¹⁾ (e) Distillates (coal tar), upper; heavy anthracene oil ¹⁾ (f) Anthracene oil ¹⁾ (g) Tar acids, coal, crude; crude phenols ¹⁾ (h) Creosote, wood ¹⁾ (i) Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline ¹⁾
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B or carcinogen category 1 or 2 ⁷⁾	29. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B or mutagen category 1 or 2 ⁷⁾
26. Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT ^{2) 3)}	27. Nickel and its compounds ³⁾
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 ^{2) 3)}	25. Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 ^{2) 3)}
22. Pentachlorophenol and its salts and esters ^{3) 8)}	23. Cadmium and its compounds ³⁾
20. Organostannic compounds ³⁾	21. Di-μ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB) ³⁾
18a. Mercury ^{1) 3)}	19. Arsenic compounds ^{1) 3)}
17. Lead sulphates ³⁾ : (a) PbSO ₄ (b) Pb _x SO ₄	18. Mercury compounds ^{1) 3)}
15. 4-Aminobiphenyl xenylamine	16. Lead carbonates ³⁾ : (a) Neutral anhydrous carbonate (PbCO ₃) (b) Trilead-bis(carbonate)-dihydroxide 2Pb CO ₃ -Pb(OH) ₂
13. Benzidine and its salts ⁷⁾	14. 4-Nitrobiphenyl
11. Volatile esters of bromoacetic acids ¹⁾ : (a) Methyl bromoacetate (b) Ethyl bromoacetate (c) Propyl bromoacetate (d) Butyl bromoacetate	12. 2-Naphthylamine and its salts ⁷⁾
9. (a) Soap bark powder (Quillaja saponaria) and its derivatives containing saponines ¹⁾ (b) Powder of the roots of Helleborus viridis and Helleborus niger ¹⁾ (c) Powder of the roots of Veratrum album and Veratrum nigrum ¹⁾ (d) Benzidine and/or its derivatives ¹⁾ (e) o-Nitrobenzaldehyde C ¹⁾ (f) Wood powder ¹⁾	10. (a) Ammonium sulphide ¹⁾ (b) Ammonium hydrogen sulphide ¹⁾ (c) Ammonium polysulphide ¹⁾
7. Tris(aziridinyl)phosphin oxide ^{1) 6)}	8. Polybromobiphenyls; Polybrominatedbiphenyls (PBB) ¹⁾



	⁶⁾
5. Benzene	6. Asbestos fibres ⁴⁾ (a) Crocidolite (b) Amosite (c) Anthophyllite (d) Actinolite (e) Tremolite (f) Chrysotile
3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008¹⁾	4. Tris (2,3 dibromopropyl) phosphate ^{1) 6)}
1. Polychlorinated terphenyls (PCTs)^{3) 7)}	2. Chloroethene (vinyl chloride)¹⁾

¹⁾ N/A the restriction does not apply to this article

²⁾ Not tested

³⁾ Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.

⁴⁾ Relevant compounds based on XRF Screening: test results for Al and Si. For a statement regarding the actual presence of asbestos further testing is required.

⁵⁾ One isomer was tested as representative for substance group.

⁶⁾ Applies to textile articles

⁷⁾ Selected substances were evaluated as representatives

⁹⁾ See Chapter " Global Compliance Acceptance Criteria (banned and controlled Substances)"

⁸⁾ Regulation (EU) No 2020/2096: entries 22, 67, 68 have been deleted (more severe restrictions are laid down for those substances in Regulation (EU) 2019/1021 POP)

6 Test Results PAH

PAH ¹⁾	FG1375	FG1376	FG1377	FG1378
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	Pass	Pass	Pass	Pass

ND: Not detected

¹⁾ REACH Screening results.

PAH ¹⁾	FG1379	FG1380	FG1381	FG1382
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	Pass	Pass	Pass	Pass

ND: Not detected

¹⁾ REACH Screening results.

PAH ¹⁾	FG1383	FG1384	FG1385	FG1386
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	Pass	Pass	Pass	Pass

ND: Not detected

¹⁾ REACH Screening results.



PAH ¹⁾	FG1387	FG1388
Benz[a]anthracene (µg/g)	ND	ND
Chrysene (µg/g)	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	Pass	Pass

ND: Not detected

¹⁾ REACH Screening results.



7 Composition of fraction samples

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	0.07	FG1375	FE2460-01	22-003 Smart Phone XT2203 series, Metallic shock pads 1+2	0.01%	0.020
				FE2460-07	22-003 Smart Phone XT2203 series, Black shock pad 7	0.01%	0.020
				FE2460-05	22-003 Smart Phone XT2203 series, Black shock pads 2+5	0.02%	0.028

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	0.14	FG1376	FE2460-08	22-003 Smart Phone XT2203 series, Black shock pad 8	0.02%	0.032
				FE2460-02	22-003 Smart Phone XT2203 series, Metallic shock pads 3+4+5+6+7+9+10	0.03%	0.050
				FE2460-06	22-003 Smart Phone XT2203 series, Black shock pads 3+4+6	0.04%	0.059



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.06	FG1377	FE2435-05	22-003 Smart Phone XT2203 series, Battery, Black glue strip 3	0.02%	0.029
				FE2435-11	22-003 Smart Phone XT2203 series, Battery, Clear glue strips	0.02%	0.030

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.14	FG1378	FE2435-03	22-003 Smart Phone XT2203 series, Battery, Black glue strip 1	0.03%	0.041
				FE2435-10	22-003 Smart Phone XT2203 series, Battery, Blue glue strips	0.03%	0.046
				FE2435-06	22-003 Smart Phone XT2203 series, Battery, Black glue strip 4	0.03%	0.052

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.90	FG1379	FE2435-08	22-003 Smart Phone XT2203 series, Battery, Yellow glue strips	0.21%	0.336
				FE2435-09	22-003 Smart Phone XT2203 series, Battery, Green glue strips	0.17%	0.274
				FE2435-04	22-003 Smart Phone XT2203 series, Battery, Black glue strip 2	0.19%	0.294



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	3.452	FG1380	FE2435-17	22-003 Smart Phone XT2203 series, Battery, White foil	2.16%	3.452

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	1.44	FG1381	FE2462-06	22-003 Smart Phone XT2203 series, Black glue strip 6+7	0.17%	0.269
				FE2462-05	22-003 Smart Phone XT2203 series, Black glue strip 5+11	0.33%	0.534
				FE2462-03	22-003 Smart Phone XT2203 series, Black glue strip 3	0.40%	0.631

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	0.32	FG1382	FE2461-01	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black glue 1	0.10%	0.162
				FE2450-02	22-003 Smart Phone XT2203 series, Display Flex, Metallic glue strip	0.10%	0.158



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	0.13	FG1383	FE2462-02	22-003 Smart Phone XT2203 series, Black glue strip 2	0.02%	0.031
				FE2461-06	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black glue 2	0.03%	0.043
				FE2462-09	22-003 Smart Phone XT2203 series, Black glue strip 10	0.03%	0.052

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g] / Fraction weight [g]	Fraktionsprobennr. / Fraction Sample No.	Ursprüngliche Probennr. / Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel / Relative Weight in Article	Proben-gewicht [g] / Sample weight [g]
Smart Phone XT2203 series,	156.591	0.048	FG1384	FE2444-04	22-003 Smart Phone XT2203 series, Black connection cable, Black outer cable jacket	0.01%	0.021
				FE2444-06	22-003 Smart Phone XT2203 series, Black connection cable, white inner jacket	0.02%	0.027



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.062	FG1385	FE2445-04	22-003 Smart Phone XT2203 series, White connection cable, White outer jacket	0.02%	0.027
				FE2445-06	22-003 Smart Phone XT2203 series, White connection cable, White inner jacket	0.02%	0.035

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.467	FG1386	FE2463-01	22-003 Smart Phone XT2203 series, Thermal paste 1+2	0.12%	0.186
				FE2446-02	22-003 Smart Phone XT2203 series, Main PWB, Thermal paste	0.18%	0.281

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Smart Phone XT2203 series,	156.591	0.077	FG1387	FE2446-13	22-003 Smart Phone XT2203 series, Main PWB, White glue	0.02%	0.028
				FE2456-01	22-003 Smart Phone XT2203 series, Camera cover, Black glue	0.03%	0.049



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Smart Phone XT2203 series,	156.591	0.148	FG1388	FE2461-09	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, White glue strip	0.04%	0.061
				FE2450-03	22-003 Smart Phone XT2203 series, Display Flex, Black glue strip	0.06%	0.086

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Smart Phone XT2203 series,	156.591	3.19	FG1389	FE2446-03	22-003 Smart Phone XT2203 series, Main PWB, Black foil	0.25%	0.394
				FE2435-01	22-003 Smart Phone XT2203 series, Battery, Outer foil	1.13%	1.769
				FE2435-02	22-003 Smart Phone XT2203 series, Battery, Black plastic cover	0.11%	0.180
				FE2435-19	22-003 Smart Phone XT2203 series, Battery, Flex	0.54%	0.848



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Smart Phone XT2203 series,	156.591	35.999	FG1390	FE2435-18	22-003 Smart Phone XT2203 series, Battery, Carbon coating	22.99%	35.999

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Smart Phone XT2203 series,	156.591	16.45	FG1391	FE2440-01	22-003 Smart Phone XT2203 series, Back camera 3, Flex	0.57%	0.894
				FE2447-01	22-003 Smart Phone XT2203 series, Sub PWB 1	0.67%	1.057
				FE2450-01	22-003 Smart Phone XT2203 series, Display Flex, Flex	0.79%	1.239
				FE2449-01	22-003 Smart Phone XT2203 series, PWB Connection/Sim card flex, Flex	1.02%	1.598
				FE2455-02	22-003 Smart Phone XT2203 series, Display parts, Display foil with flex	1.13%	1.769
				FE2446-01	22-003 Smart Phone XT2203 series, Main PWB	6.32%	9.895



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Smart Phone XT2203 series,	156.591	1.29	FG1392	FE2437-01	22-003 Smart Phone XT2203 series, Front camera, Flex	0.08%	0.123
				FE2451-00	22-003 Smart Phone XT2203 series, Button flex	0.08%	0.131
				FE2438-01	22-003 Smart Phone XT2203 series, Back camera 1, Flex	0.09%	0.147
				FE2448-00	22-003 Smart Phone XT2203 series, Sub PWB 2	0.11%	0.173
				FE2452-00	22-003 Smart Phone XT2203 series, Antenna flex	0.23%	0.353
				FE2439-01	22-003 Smart Phone XT2203 series, Back camera 2, Flex	0.23%	0.362

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Smart Phone XT2203 series,	156.591	0.31	FG1393	FE2442-18	22-003 Smart Phone XT2203 series, Bottom speaker, Flex foil	0.01%	0.010
				FE2442-20	22-003 Smart Phone XT2203 series, Bottom speaker, Flex	0.01%	0.013
				FE2443-16	22-003 Smart Phone XT2203 series, Top speaker, Flex	0.01%	0.022
				FE2453-00	22-003 Smart Phone XT2203 series, Lightning PWB	0.04%	0.068
				FE2441-01	22-003 Smart Phone XT2203 series, Sensor, Flex	0.06%	0.097
				FE2436-08	22-003 Smart Phone XT2203 series, Vibra call, Flex	0.06%	0.098



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Smart Phone XT2203 series,	156.591	0.88	FG1394	FE2434-01	22-003 Smart Phone XT2203 series, Sim card holder, Black plastic frame	0.10%	0.160
				FE2439-14	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 2	0.07%	0.115
				FE2439-15	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 3	0.06%	0.092
				FE2439-16	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic housing	0.07%	0.105
				FE2440-09	22-003 Smart Phone XT2203 series, Back camera 3, Outer plastic frame	0.08%	0.131
				FE2440-11	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 1	0.01%	0.024
				FE2440-20	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 3	0.05%	0.081
				FE2440-24	22-003 Smart Phone XT2203 series, Back camera 3, Black plastic housing	0.11%	0.168

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Smart Phone XT2203 series,	156.591	0.22	FG1395	FE2437-07	22-003 Smart Phone XT2203 series, Front camera, Plastic lenses	0.02%	0.037



				FE2440-14	22-003 Smart Phone XT2203 series, Back camera 3, Plastic lenses	0.03%	0.052
				FE2439-11	22-003 Smart Phone XT2203 series, Back camera 2, Plastic lenses	0.08%	0.129

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Smart Phone XT2203 series,	156.591	0.13	FG1396	FE2456-11	22-003 Smart Phone XT2203 series, Light guide	0.01%	0.020
				FE2456-09	22-003 Smart Phone XT2203 series, Power button	0.02%	0.038
				FE2456-10	22-003 Smart Phone XT2203 series, Volume button	0.05%	0.075

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Smart Phone XT2203 series,	156.591	0.20	FG1397	FE2437-05	22-003 Smart Phone XT2203 series, Front camera, Black plastic frame 2	0.02%	0.028
				FE2437-06	22-003 Smart Phone XT2203 series, Front camera, Black plastic housing	0.04%	0.057
				FE2438-02	22-003 Smart Phone XT2203 series, Back camera 1, Black plastic Frame	0.02%	0.037



				FE2438-04	22-003 Smart Phone XT2203 series, Back camera 1, Black plastic housing	0.01%	0.021
				FE2439-05	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic part	0.01%	0.012
				FE2439-06	22-003 Smart Phone XT2203 series, Back camera 2, Black plastic frame 1	0.03%	0.041

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Smart Phone XT2203 series,	156.591	0.11	FG1398	FE2440-17	22-003 Smart Phone XT2203 series, Back camera 3, Inner plastic frame 2	0.04%	0.058
				FE2440-18	22-003 Smart Phone XT2203 series, Back camera 3, Plastic ring 1	0.01%	0.010
				FE2440-19	22-003 Smart Phone XT2203 series, Back camera 3, Plastic ring 2	0.01%	0.010
				FE2440-26	22-003 Smart Phone XT2203 series, Back camera 3, Inner black plastic frame	0.01%	0.022
				FE2440-06	22-003 Smart Phone XT2203 series, Back camera 3, White balls	0.01%	0.011
Smart Phone XT2203 series,	156.591	5.30	FG1399	FE2456-02	22-003 Smart Phone XT2203 series, Camera cover	0.78%	1.227
				FE2456-05	22-003 Smart Phone XT2203 series, Camera cover, Black plastic plate	0.91%	1.422
				FE2456-06	22-003 Smart Phone XT2203 series, Black plastic cover 2	0.45%	0.706



				FE2456-07	22-003 Smart Phone XT2203 series, Black plastic foil	0.12%	0.192
				FE2456-08	22-003 Smart Phone XT2203 series, Black plastic cover 1	1.12%	1.755

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Smart Phone XT2203 series,	156.591	6.207	FG1400	FE2454-03	22-003 Smart Phone XT2203 series, Blue metal housing frame, Black plastic frame	3.96%	6.207

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Smart Phone XT2203 series,	156.591	6.535	FG1401	FE2456-12	22-003 Smart Phone XT2203 series, Black plastic back cover	4.17%	6.535
Smart Phone XT2203 series,	156.591	0.707	FG1402	FE2442-04	22-003 Smart Phone XT2203 series, Bottom speaker, Black plastic frame	0.35%	0.558
				FE2442-19	22-003 Smart Phone XT2203 series, Bottom speaker, White granulate	0.09%	0.149



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Smart Phone XT2203 series,	156.591	0.11	FG1403	FE2441-03	22-003 Smart Phone XT2203 series, Sensor, Black plastic housing	0.02%	0.031
				FE2442-07	22-003 Smart Phone XT2203 series, Bottom speaker, Membrane	0.01%	0.016
				FE2443-04	22-003 Smart Phone XT2203 series, Top speaker, Black plastic frame	0.03%	0.043
				FE2461-02	22-003 Smart Phone XT2203 series, White, Clear, Black plastic, Copper glue strips, Black glue 1-3, Black plastic	0.01%	0.017

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