



VDE Prüfbericht / VDE Test Report

Prüfbericht Nr. <i>Report No.</i>	298238-TL7-2
VDE-Aktenzeichen <i>VDE File No.</i>	5022428-9021-0069/298238
Ausstellungsdatum <i>Date of issue</i>	2022-08-23
Labor <i>Laboratory</i>	VDE Prüf- und Zertifizierungsinstitut GmbH VDE Testing and Certification Institute
Adresse <i>Address</i>	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüf-ort / 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: XT2255 Series
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.</i> <i>The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below.</i> <i>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>	2022-06-20	
Datum der Durchführung der Prüfungen <i>Date (s) of performance of tests</i>	2022-06-20 – 2022-08-22	

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	No 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 no reporting is required on the functional unit level. However, reporting is required on the homogeneous material level due to 1,3-propanesultone and lead.

This test report Testreport-298238-TL7-2 replaces test report Testreport-298238-TL7-1. The sample designation was amended.

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






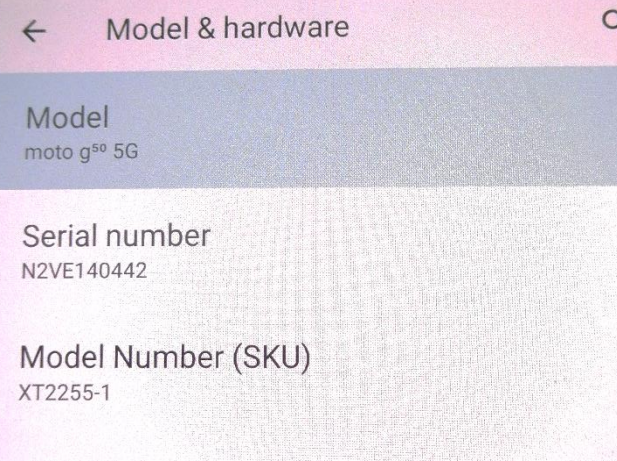
Prüf- und Messmittel / Testing and measuring equipment:		
Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro XEPOS XC (XC) Inv. No. 1150667 Spectro XEPOS HE (XL) Inv. No. 1150529 Spectro XEPOS HE (XR) Inv. No. 1150796	IEC 62321-3-1:2013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



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1 Description of the Sample (EUT)

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



2 Assessment summary of substances according to 12G02897W18

2.1 Global Compliance Acceptance Criteria (banned and controlled Substances)

Substances	Results
Asbestos, asbestos compounds	For indicator elements Al and Si see chapter 3 ¹⁾
Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene ("BNST")	n.t.
Chlorofluorocarbons and halons (Class I and II Ozone Depleting Chemicals) [1]	For indicator element Cl see chapter 3 ¹⁾
Halogenated dioxins and furans	(For indicator element Cl and Br see chapter 3 ¹⁾)
Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF6)	n.t.
Mercury and Mercury Compounds	n.d. see chapter 3
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-imethylethyl)-	n.d. see chapter 5
Polychlorobiphenyls and derivatives (PCBs)	For indicator element Cl see chapter 3 ¹⁾
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 ¹⁾
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in <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)	Detected 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 see chapter 5
REACH Authorised and Restricted Substances not otherwise listed - Entry 20 Organostannic compounds [6]	Samples exceeding the limit of Sn < 0.1 % FK2203-04 (0.22 % Sn) FK2215-04 (0.29 % Sn)
REACH Authorised and Restricted Substances not otherwise listed - Entry 21 Di- μ -oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB)	Sn < 0.04 % ¹⁾ (DBB < 0.1%) Samples exceeding the limit of Sn < 0.04 % FK2203-04 (0.22 % Sn) FK2215-04 (0.29 % Sn) FK2218-12 (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 $\mu\text{g}/\text{cm}^2/\text{week}$. 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
FK2235-04	22-237 Entropy Solutions, Smartphone Model series XT2255, Inner housing, Golden metal inserts		Pb (1.90 ± 0.76 % = 19000 ± 7600 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)

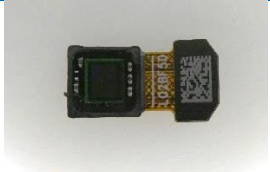




2.3 Phthalates in fractions

Sample No	Description	Material of Concern (Concentration) ¹⁾	Does that rating make use of an Exemption	Sub Item level acceptance rating
FK2206-00	22-237 Smartphone Model series XT2255, Black foam pads 1	DIBP (0.012 ± 0.007 % = 120 ± 70 ppm) ²⁾	No	Pass
FK2238-13	22-237 Smartphone Model series XT2255, Black shock pad 13	DNBP (0.016 ± 0.010 % = 160 ± 100 ppm) ²⁾		
FK2238-03	22-237 Smartphone Model series XT2255, Black shock pad 3			
FK2203-06	22-237 Smartphone Model series XT2255, Backside camera cover, Black glue	DIBP (0.019 ± 0.011 % = 190 ± 110 ppm) ²⁾	No	Pass
FK2236-03	22-237 Smartphone Model series XT2255, Black glue 3	DNBP (0.024 ± 0.014 % = 240 ± 140 ppm) ²⁾		

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

²⁾ To determine the concentrations for each homogeneous material additional testing is required.



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
FK2213-01	22-237 Smartphone Model series XT2255, Backside camera 1, Flex		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FK2218-01	22-237 Smartphone Model series XT2255, Main PWB		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FK2219-01	22-237 Smartphone Model series XT2255, Battery, Flex		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FK2224-03	22-237 Smartphone Model series XT2255, SUB PWB		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
FK2231-04	22-237 Smartphone Model series XT2255, Display LED 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. E Appendix C relevant compounds ¹⁾	
Model XT2255 series									
FK2201-00	22-237 Smartphone Model series XT2255, SIM Card holder		0.415	0.25%			Main: Cr Mn Fe Ni; Other: Si P S K Ca V Co Cu Nd; Trace: Cl Zn Mo Ba W Th U.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.	
FK2201-01	22-237 Smartphone Model series XT2255, SIM Card holder, Metal frame					61.20%		Main: Si; Other: P S Cl K Ca Ti Zn; Trace: Ni Ba.	Reportable: Si;
FK2201-02	22-237 Smartphone Model series XT2255, SIM Card holder, Red rubber ring					1.93%	Silicone	Main: Si Ca; Other: Al P S Cl K Ti Cr Fe; Trace: Mn Ni Br Sr Zr Ba.	Reportable: Al Cr Fe Si;
FK2201-03	22-237 Smartphone Model series XT2255, SIM Card holder, Black plastic part					36.63%	PC	Main: Ti; Other: Al Si P S Cl Ca; Trace: K Ba.	Reportable: Al Si P;
FK2201-04	22-237 Smartphone Model series XT2255, SIM Card holder, Label					0.24%	PET 80% Acrylic 20%	Main: Cr Mn Fe Ni; Other: Si P S K Ca V Co Cu Nd; Trace: Cl Zn Mo Ba W Th U.	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⁾	
FK2202-00	22-237 Smartphone Model series XT2255, Backside cover		6.969	4.23%		PET 80% PMMA 20%	Main: Al Si; Other: P S Cl Ca; Trace: Ti Nb Sn.	Reportable: Al Si;	
FK2203-00	22-237 Smartphone Model series XT2255, Backside camera cover		3.052	1.85%					
FK2203-01	22-237 Smartphone Model series XT2255, Backside camera cover, Black metal housing				75.72%		Main: Al; Other: Si P S Cl K Ca Fe; Trace: Ti V Cr Mn Ni Cu Zn Ga.	Reportable: Al Fe;	
FK2203-02	22-237 Smartphone Model series XT2255, Backside camera cover, Glass part				12.71%		Other: Al Si P S; Trace: Cl K Ca Nb.	Reportable: Al;	
FK2203-03	22-237 Smartphone Model series XT2255, Backside camera cover, Glass plates 1				9.08%		Other: Al Si P S Cl Ca; Trace: Ti Ni Sb Ba.	Reportable: Al Si;	
FK2203-04	22-237 Smartphone Model series XT2255, Backside camera cover, Black glue strips				0.29%	PET 80% Acrylic 20%	Main: Al Si K; Other: P S Cl Ti Zr Sn; Trace: Fe Ga Ba W.	Reportable: Al Sn Si P;	
FK2203-05	22-237 Smartphone Model series XT2255, Backside camera cover, Glass plate 2				1.38%		Main: Al Si K Ti; Other: P S Cl Ca Zr Sn; Trace: Fe Ga Ba.	Reportable: Al Sn Si P;	
FK2203-06	22-237 Smartphone Model series XT2255, Backside camera cover, Black glue				0.82%	Acrylic	Other: Al Si P S Cl K Ca Fe Zn DIBP DNBP; Trace: Ti Cr Co Cu Yb.	Reportable: Al Fe Co Zn; Controlled: DIBP DNBP.	
FK2204-00	22-237 Smartphone Model series XT2255, Light guide			0.057	0.03%				

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⁾
FK2204-01	22-237 Smartphone Model series XT2255, Light guide				94.74%	PMMA	Other: Al Si P S; Trace: Cl K Ca Ti Ba.	Reportable: Al;
FK2204-02	22-237 Smartphone Model series XT2255, Light guide, Black glue strip 1				3.51%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: Cr Fe Ni Cu Zn Ru Ba.	Reportable: Al Si P;
FK2204-03	22-237 Smartphone Model series XT2255, Light guide, Black glue strip 2				1.75%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Ni Zn; Trace: Fe Cu Ba.	Reportable: Al Zn Si;
FK2205-00	22-237 Smartphone Model series XT2255, Black plastic net 1		0.014	0.01%				
FK2205-01	22-237 Smartphone Model series XT2255, Black plastic net 1				7.14%	PET	Main: S; Other: Al Si P Cl Ca Ti; Trace: Ni Sb Ba.	Reportable: Al Si;
FK2205-02	22-237 Smartphone Model series XT2255, Black plastic net 1, Black glue strip 1				57.14%	PET 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Ti Zn; Trace: Ni Ba.	Reportable: Al Zn Si;
FK2205-03	22-237 Smartphone Model series XT2255, Black plastic net 1, Black glue strip 2				35.71%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca Ti; Trace: Ni Zn.	Reportable: Al;
FK2206-00	22-237 Smartphone Model series XT2255, Black foam pads 1		0.020	0.01%		PUR	Main: Al Si; Other: P S Cl K Ca Ti Fe DIBP DNBP; Trace: Mn Ni Cu Ba Pb .	Reportable: Al Fe Si; Controlled: DIBP, DNBP.
FK2207-00	22-237 Smartphone Model series XT2255, Antenna flex 1		0.078	0.05%			Main: Al Si S Cl Cu; Other: P K Ca Ti Cr Fe Ni Zn Zr; Trace: Ga Ru Ba Pb .	Reportable: Al Cr Fe Cu Si P; Controlled: Ni .

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FK2208-00	22-237 Smartphone Model series XT2255, Antenna flex 2		0.045	0.03%			Main: Al Cu; Other: Si P S Cl K Ca Ti Cr Ni Zn Zr; Trace: Ga Mo Ru Ba Pb .	Reportable: Al Cr Cu Zn Si P; Controlled: Ni .
FK2209-00	22-237 Smartphone Model series XT2255, Antenna flex 3		0.022	0.01%			Main: Al Si S Ni Cu; Other: P Cl K Ca Ti Cr Zn Zr W; Trace: Ba Au.	Reportable: Al Cr Cu Zn W Si P; Controlled: Ni.
FK2210-00	22-237 Smartphone Model series XT2255, Antenna flex 4		0.053	0.03%			Main: Al Si S Ni Cu; Other: P Cl K Ca Ti Cr Zn Zr; Trace: Fe Ga Ba W Au.	Reportable: Al Cr Cu Zn Si P; Controlled: Ni .
FK2211-00	22-237 Smartphone Model series XT2255, Antenna flex 5		0.033	0.02%			Main: Al P S Cu; Other: Si Cl Ca Cr Ni Zn Zr Ta; Trace: K Ti V Mn Ga Ru Nd Ti Pb .	Reportable: Al Cr Cu Zn Ta Si P; Controlled: Ni.
FK2212-00	22-237 Smartphone Model series XT2255, Black plastic cover		7.625	4.63%				
FK2212-01	22-237 Smartphone Model series XT2255, Black plastic cover				99.83%	PC	Other: Al Si P S Cl K Ca Ti; Trace: Ba.	Reportable: Al Si;
FK2212-02	22-237 Smartphone Model series XT2255, Black plastic cover, Black glue strip 1				0.09%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca; Trace: Ti Sb Ba.	Reportable: Al Si P; Controlled: .
FK2212-03	22-237 Smartphone Model series XT2255,				0.08%	PUR 60% PET 20%	Other: Al Si P S Cl K Ca Ti;	Reportable: Al Si P; 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⁾
	Black plastic cover, Black glue strip 2					Acrylic 20%	Trace: Zn Sb Ba.	
FK2213-00	22-237 Smartphone Model series XT2255, Backside camera 1		0.223	0.14%				
FK2213-01	22-237 Smartphone Model series XT2255, Backside camera 1, Flex				66.82%		See Chapter 4 x,y- scan Main: Al Si S Ca Cu; Other: P Cl K Ti Fe Ni Sr Mo Ag Sn Ba Hf; Trace: Cr Zn Zr W Au.	Reportable: Al Fe Cu Ag Sn Ba Si P; Controlled: Ni Pb
FK2213-02	22-237 Smartphone Model series XT2255, Backside camera 1, Black plastic frame				18.39%	Polyester GF	Main: Al Si K; Other: P S Cl Ca Ti Fe Rb; Trace: Cr Mn Zn Ga Nb Ba W.	Reportable: Al Fe Rb Si;
FK2213-03	22-237 Smartphone Model series XT2255, Backside camera 1, Black plastic housing				10.31%	PC	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Cu Zn Ba.	Reportable: Al Si;
FK2213-04	22-237 Smartphone Model series XT2255, Backside camera 1, Black plastic ring				0.45%	PC	Main: S; Other: Al Si P Cl Ca Ti; Trace: Zn Ba.	Reportable: Al Si;
FK2213-05	22-237 Smartphone Model series XT2255, Backside camera 1, Lenses				3.14%	hard rubber	Main: Si Ti; Other: Al P S Cl K Ca; Trace: Zn.	Reportable: Al Si;
FK2213-06	22-237 Smartphone Model series XT2255, Backside camera 1, Black foil rings				0.45%	PET	Main: Si S; Other: Al P Cl Ca; Trace: Ti Ni Cu Zn Ba.	Reportable: Al Si;
FK2213-07	22-237 Smartphone Model series XT2255, Backside camera 1, Blue glass				0.45%		Main: Si S K Ti; Other: Al Cl Zn; Trace: Ca Ni .	Reportable: Al Zn Si; Controlled: .
FK2214-00	22-237 Smartphone Model series XT2255, Backside camera 2			0.312	0.19%			

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⁾
FK2214-01	22-237 Smartphone Model series XT2255, Backside camera 2, Blue glass				5.13%		Main: Al Si P Ca Ti Cu Zn Ba; Other: S K; Trace: Sr Ru Rh La Ce Pr.	Reportable: Al Cu Zn Ba Si P; Controlled: .
FK2214-02	22-237 Smartphone Model series XT2255, Backside camera 2, Black plastic part				27.24%	Polyester GF	Main: Al Si P K Ba; Other: S Ca Ti Fe Cu Zn; Trace: Mo .	Reportable: Al Fe Cu Zn Ba Si P; Controlled: .
FK2214-03	22-237 Smartphone Model series XT2255, Backside camera 2, Black plastic housing				13.46%	PC	Other: Al Si P S K Ca; Trace: Cl Ti Cu Zn Ba.	Reportable: Al;
FK2214-04	22-237 Smartphone Model series XT2255, Backside camera 2, Black plastic ring				0.32%	PC	Main: Si; Other: Al P S Cl Ca; Trace: Ti Ba.	Reportable: Al Si; Controlled: .
FK2214-05	22-237 Smartphone Model series XT2255, Backside camera 2, Lenses				16.67%	hard rubber	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Ba.	Reportable: Al Si;
FK2214-06	22-237 Smartphone Model series XT2255, Backside camera 2, Black foil rings				0.32%	PET	Main: S; Other: Al Si P Cl K Ca; Trace: Ti Ba.	Reportable: Al Si;
FK2214-07	22-237 Smartphone Model series XT2255, Backside camera 2, Flex				36.86%		Main: Al Si Ti Cu Ba; Other: P S Cl Ca Ni Sr Sn Hf W Au; Trace: Co Zn Ga Zr Pd Ag.	Reportable: Al Co Cu Sn Ba W Au Si P; Controlled: Ni.
FK2215-00	22-237 Smartphone Model series XT2255, Backside camera 3		1.437	0.87%				
FK2215-01	22-237 Smartphone Model series XT2255, Backside camera 3, Flex				24.84%		Main: Al Si Cu Ba Au; Other: P S Cl Ca Ti Fe Ni Ga Ge Sr Zr Ag Sn Hf Ta W; Trace: Mn Co Mo Ru Pd La Ce Pr Bi.	Reportable: Al Fe Co Cu Ag Sn Ba Ta W Au Si P; Controlled: Ni.
FK2215-02	22-237 Smartphone Model series XT2255,				2.09%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Al Si P S Cl Zn Nd;	Reportable: 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⁾
	Backside camera 3, Copper glue strip						Trace: Ti Mn Fe Ge Br Y Zr Nb Sb Ba W Bi U.	
FK2215-03	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic part 1				6.54%	PA	Main: Si S K Ca Ti; Other: Al P Mn Fe Cu Zn Ba; Trace: Ni Sr Zr Nb .	Reportable: Al Fe Cu Zn Ba Si P; Controlled: .
FK2215-04	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic part 2				3.83%	Polyester GF	Main: Si S Ca; Other: Al P Ti Cr Mn Fe Ni Cu Sn Ba Pr Nd Au; Trace: Zn Sr Ag.	Reportable: Al Cr Fe Cu Sn Ba Pr Nd Au Si; Controlled: Ni.
FK2215-05	22-237 Smartphone Model series XT2255, Backside camera 3, Metal frame				20.53%		Main: P Fe Ni Cu; Other: Si S Cl K Ca Mn Zn Ba Bi; Trace: Ti CrRh Pr.	Reportable: Fe Cu Zn Ba Bi; Controlled: Ni.
FK2215-06	22-237 Smartphone Model series XT2255, Backside camera 3, Blue glass				2.23%		Main: Al Si P S Ca Ti Cu Zn Ba; Other: K Nd; Trace: Sr .	Reportable: Al Cu Zn Ba Nd Si P; Controlled: .
FK2215-07	22-237 Smartphone Model series XT2255, Backside camera 3, Copper rings				0.56%		Main: Si S Ti Cu; Other: Al P Cl K Ca Ni Zn Sn W; Trace: Mn Fe Y Zr Nb Ba.	Reportable: Cu Sn W;
FK2215-08	22-237 Smartphone Model series XT2255, Backside camera 3, Magnets				10.58%		Main: Fe Ni Cu Ba Pr; Other: Al Si S Cl V Co Zn Rb Sr Y Zr Nb Mo Sn Bi Th U; Trace: Ge Se Br Rh Ag In Sb Tl.	Reportable: Fe Co Cu Zn Rb Y Sn Ba Pr Bi; Controlled: Ni.
FK2215-09	22-237 Smartphone Model series XT2255, Backside camera 3, Metal ring				0.84%		Main: S Cr Fe Ni; Other: Si P Cl K Ca Ti V Mn Zn Mo Ba Au; Trace: Cu Ge Nb Th.	Reportable: Cr Fe Zn Ba Au; Controlled: Ni.
FK2215-10	22-237 Smartphone Model series XT2255, Backside camera 3, Black foil rings				0.07%	PAI	Other: Al Si P S Cl K Ca Ti; Trace: Cu Zn Ba.	Reportable: Al Si P;
FK2215-11	22-237 Smartphone Model series XT2255,				5.01%	Polyester GF	Main: Si Ca Ba; Other: Al P S K Ti Fe;	Reportable: Al Fe Ba 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⁾
	Backside camera 3, Black plastic frame						Trace: Mn Sr Sn.	
FK2215-12	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic housing				9.67%	PC	Main: Si; Other: P S; Trace: Cl K Ca Ti Ba.	Reportable: Si;
FK2215-13	22-237 Smartphone Model series XT2255, Backside camera 3, Black metal ring 1				0.28%		Main: Si P S Cl Ca Fe; Other: Ti Mn Co Ni Cu Zn Y Zr Nb Mo Ba; Trace: Br Rh In Sb Ti Bi Th.	Reportable: Fe Co Cu Zn Y Ba; Controlled: Ni.
FK2215-14	22-237 Smartphone Model series XT2255, Backside camera 3, Copper wire				1.67%		Main: S Cu; Other: Al Si P Cl K Ni Zn Ge Ba W; Trace: Ti Y Zr Nb Rh Nd.	Reportable: Cu Zn Ba W;
FK2215-15	22-237 Smartphone Model series XT2255, Backside camera 3, Lenses				8.49%	PMMA	Main: Si Ti; Other: Al P S K Ca; Trace: Cl.	Reportable: Al Si;
FK2215-16	22-237 Smartphone Model series XT2255, Backside camera 3, Black metal ring 2				2.78%		Main: S Cu Zn Bi; Other: Al Si P Cl Fe Ge Yb; Trace: Ti Sn Ba U.	Reportable: Fe Cu Zn Bi; Controlled: .
FK2216-00	22-237 Smartphone Model series XT2255, Front camera			0.256	0.16%			
FK2216-01	22-237 Smartphone Model series XT2255, Front camera, Black plastic housing				17.19%	PC	Other: Al Si P S Cl K; Trace: Ca Ti Ba.	Reportable: Al;
FK2216-02	22-237 Smartphone Model series XT2255, Front camera, Black metal ring				2.34%		Main: S Cu Zn; Other: Al Si P Cl K Ti Fe Ge Bi; Trace: Sb Ba Nd.	Reportable: Fe Cu Zn Bi;
FK2216-03	22-237 Smartphone Model series XT2255, Front camera, Black foil				0.39%	PET	Main: S; Other: Al Si P Cl Ca Ti; Trace: K Mn Zn Sb Ba.	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⁾	
	rings								
FK2216-04	22-237 Smartphone Model series XT2255, Front camera, Lenses				14.45%	hard rubber	Main: Si Ti; Other: Al P S K Ca; Trace: Cl.	Reportable: Al Si;	
FK2216-05	22-237 Smartphone Model series XT2255, Front camera, Blue glass				3.91%		Main: Al Si P S Ti Cu Zn Ba; Other: Ca; Trace: Ni Sr.	Reportable: Al Cu Zn Ba Si P;	
FK2216-06	22-237 Smartphone Model series XT2255, Front camera, Black plastic frame				16.02%	PA	Main: Si S Ca Ti; Other: Al P K Mn Fe Cu Zn Ba; Trace: Cl Sr Zr Nb .	Reportable: Al Fe Cu Zn Ba Si P; Controlled: .	
FK2216-07	22-237 Smartphone Model series XT2255, Front camera, Flex				45.70%		Main: Al S Cu; Other: Si P Cl Ca Ti Co Ni Zr Sn Ba; Trace: Zn Sr Ag Cd I Au.	Reportable: Al Co Cu Sn Ba Si P; Controlled: Ni Cd.	
FK2217-00	22-237 Smartphone Model series XT2255, Thermal paste		0.309	0.19%		Silicone	Main: Al Si; Other: P Ca Y Zr; Trace: S Cl K Ti Fe Zn Ga Hf.	Reportable: Al Y Si P;	
FK2218-00	22-237 Smartphone Model series XT2255, Main PWB		12.803	7.77%					
FK2218-01	22-237 Smartphone Model series XT2255, Main PWB				62.31%		See Chapter 4 x,y- scan Main: Al Si S Ca Ti Cu Ba; Other: P Cl Fe Sr Ag Sn Hf; Trace: Zr Yb Au.	Reportable: Al Fe Cu Ag Sn Ba Si P; Controlled: Pb	
FK2218-02	22-237 Smartphone Model series XT2255, Main PWB, Metal shielding 1					10.40%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn Nd; Trace: Ge Y Zr Rh Ag Ba Pb Bi U.	Reportable: Fe Cu Zn Sn Nd; Controlled: Ni.
FK2218-03	22-237 Smartphone Model series XT2255, Main PWB, Metal					17.43%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn; Trace: Ge Se Y Zr Ru Rh Ag	Reportable: Fe Cu Zn Sn; 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⁾
	shielding 2						Ba La Nd Pb Bi U.	
FK2218-04	22-237 Smartphone Model series XT2255, Main PWB, Metal shielding 3				2.86%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn; Trace: Ge Se Y Zr Ru Rh Ag I Ba Nd Pb Bi U.	Reportable: Fe Cu Zn Sn; Controlled: Ni.
FK2218-05	22-237 Smartphone Model series XT2255, Main PWB, Metal shielding 4				3.69%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu Mo Nd; Trace: Cl Zn Ge Rh Sn Ba Au.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.
FK2218-06	22-237 Smartphone Model series XT2255, Main PWB, Metal shielding 5				1.36%		Main: S Ni Cu Sn; Other: Al Si P Cl Au; Trace: Ti Ge Zr Nb Bi.	Reportable: Cu Sn Au; Controlled: Ni.
FK2218-07	22-237 Smartphone Model series XT2255, Main PWB, Metal clamp 1				0.59%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Nd; Trace: Zn Ba W U.	Reportable: Cr Fe Co Cu Nd; Controlled: Ni.
FK2218-08	22-237 Smartphone Model series XT2255, Main PWB, Black rubber part				0.37%	Silicone	Main: Si; Other: P S Cl K Ca Ti Zn; Trace: Zr Ba.	Reportable: Zn Si;
FK2218-09	22-237 Smartphone Model series XT2255, Main PWB, Golden contacts				0.27%		Main: S Ni Cu Sn Au; Other: Al Si P Cl Co Ge Ag; Trace: Ti Mn Zr Nb Ba La.	Reportable: Co Cu Ag Sn Au; Controlled: Ni.
FK2218-10	22-237 Smartphone Model series XT2255, Main PWB, Metal clamp 2				0.19%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Mo Nd W; Trace: Zn As Nb Rh Sb Ba Th.	Reportable: Cr Fe Co Cu Nd W; Controlled: Ni.
FK2218-11	22-237 Smartphone Model series XT2255, Main PWB, Metal shielding 6				0.05%		Main: P S Ni Cu; Other: Al Si Cl Ca Zn Sn; Trace: Ti V Cr Ru Ag Ba Nd Au.	Reportable: Al Cu Zn Sn Si P; Controlled: Ni .


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FK2218-12	22-237 Smartphone Model series XT2255, Main PWB, Black plastic part				0.48%	Polyester GF	Main: Al Si K Ca; Other: P S Ti Fe Ni Cu Zn Sn; Trace: Cl Mn Sr Zr Ba.	Reportable: Al Fe Cu Sn Si;
FK2218-13	22-237 Smartphone Model series XT2255, Main PWB, Humidity indicator				0.01%		Main: Al Si S Cl Ca Ti; Other: P K; Trace: Ni Cu Ba.	Reportable: Al Si;
FK2219-00	22-237 Smartphone Model series XT2255, Battery		64.918	39.42%				
FK2219-01	22-237 Smartphone Model series XT2255, Battery, Flex				1.31%		See Chapter 4 x,y- scan Main: Al Si S Ti Ni Cu Sn; Other: P Cl K Ca Sr Ag I Ba Hf; Trace: Zn Zr.	Reportable: Al Cu Ag Sn Ba Si P; Controlled: Ni Pb.
FK2219-02	22-237 Smartphone Model series XT2255, Battery, Black plastic part				0.28%	PC	Main: P; Other: Al Si S Cl K Ca Ti; Trace: Cr Fe.	Reportable: Al Si P;
FK2219-03	22-237 Smartphone Model series XT2255, Battery, Yellow/Black glue strip				0.17%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl Ca; Trace: Ti Ba.	Reportable: Al Si; Controlled: .
FK2219-04	22-237 Smartphone Model series XT2255, Battery, Black glue strip 1				0.12%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca; Trace: Ti Cu Zn Ga Sb.	Reportable: Al Si;
FK2219-05	22-237 Smartphone Model series XT2255, Battery, Black glue strip 2				0.06%	Silicone 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Co Cu Zn Sb.	Reportable: Al Fe Co Si; Controlled: .
FK2219-06	22-237 Smartphone Model series XT2255,			0.27%	PAI 80% Acrylic 20%	Other: Al Si P S Cl K Ca;	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⁾
	Battery, Yellow glue strips 1						Trace: Ti Ni Cu Zn Ba.	
FK2219-07	22-237 Smartphone Model series XT2255, Battery, White glue strip				0.03%	PET 80% Acrylic 20%	Main: Ca Ti; Other: Al Si P S Cl K; Trace: Cr Co Ni Zn Nb Sn Sb Ba.	Reportable: Al Co Si; Controlled: .
FK2219-08	22-237 Smartphone Model series XT2255, Battery, Outer cover				3.13%		Main: Al Si P Fe Cu; Other: S Cl Ca Ti V Mn Co Ni Zn Ga Ge Y Zr Nb Mo Ba La Ce Pr W Th U; Trace: Ru In Sn Sb Cs Bi.	Reportable: Al Fe Co Cu Zn Y Ba La Ce Pr W; Controlled: Ni.
FK2219-09	22-237 Smartphone Model series XT2255, Battery, Silver foil				8.43%		Main: Al Co; Other: Si P S Ti Fe Cu; Trace: K Ca V Zn Nd W.	Reportable: Al Fe Co Cu; Controlled: .
FK2219-10	22-237 Smartphone Model series XT2255, Battery, Copper foil				10.30%		Main: Cu; Other: Al P S K Cr Co Nd; Trace: Cl Ti Mn Fe Ge Y Zr Nb Mo Ba W Au Bi U.	Reportable: Cr Co Cu Nd; Controlled: .
FK2219-11	22-237 Smartphone Model series XT2255, Battery, White foil				6.56%	PE	Main: Al P S Co Cu; Other: K Ca Ti; Trace: Si Cl Cr Mn Ba.	Reportable: Al Co Cu P; Controlled: .
FK2219-12	22-237 Smartphone Model series XT2255, Battery, Green glue strips 1				0.07%	PET 80% Acrylic 20%	Main: Al P S Ti Co Zn; Other: Si Cl K Ca Ni Cu Nd; Trace: Cr Mn Zr Ba.	Reportable: Al Co Cu Zn Nd Si P; Controlled: Ni.
FK2219-13	22-237 Smartphone Model series XT2255, Battery, Green/black glue strips 1				0.11%	PET 80% Acrylic 20%	Main: P S Ti Co Ni Zn; Other: Al Si Ca Cu Nd Ta; Trace: Cl Cr Fe Zr Sb Ce.	Reportable: Al Co Cu Zn Nd Ta P; Controlled: Ni .
FK2219-14	22-237 Smartphone Model series XT2255, Battery, Green glue strips 2				0.04%	PET 80% Acrylic 20%	Main: P S Ti Co Ni; Other: Al Si Cl Ca Cu Zn Nd; Trace: Cr Zr Sb Ba Ce.	Reportable: Al Co Cu Zn Nd Si P; Controlled: Ni.
FK2219-15	22-237 Smartphone Model series XT2255, Battery, Green/Black				0.27%	PET 80% Acrylic 20%	Main: Al P S Ti Co Ni; Other: Si Ca Cu Zn Nd Ta W; Trace: Cl Cr Mn Zr Sb.	Reportable: Al Co Cu Zn Nd Ta W Si P; Controlled: Ni .



Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
	glue strips 2							
FK2219-16	22-237 Smartphone Model series XT2255, Battery, Blue glue strips				0.07%	PET	Main: Si P S Cu; Other: Al Cl Ca Co; Trace: Ti Sb.	Reportable: Al Co Cu Si P;
FK2219-17	22-237 Smartphone Model series XT2255, Battery, Contact 1				0.29%		Main: Al Fe Ni; Other: Si P S Cl K Ca Ti V Cu Zn Ga Ce W; Trace: Mn Ge Y Zr Nb Mo Ru Rh Ba Bi U.	Reportable: Al Fe Cu Zn Ce W; Controlled: Ni.
FK2219-18	22-237 Smartphone Model series XT2255, Battery, Contact 2				0.12%		Main: Al; Other: Si P S Ca Fe Co Cu; Trace: K Ti V Cr Ni Ga.	Reportable: Al Fe Co;
FK2219-19	22-237 Smartphone Model series XT2255, Battery, Carbon coating				68.37%		Main: Co Cu; Other: Al P S Ca Ti Hf; Trace: Si Cl K Cr Mn Zn Nd W.	Reportable: Al Co Cu P;
FK2220-00	22-237 Smartphone Model series XT2255, Black connection cable		0.173	0.11%				
FK2220-01	22-237 Smartphone Model series XT2255, Black connection cable, Black cable jacket				17.92%	PTFE	Main: Cu; Other: Al Si P S Cl Ca Ti Sn Hf; Trace: Zn Ba.	Reportable: Al Cu Sn Si;
FK2220-02	22-237 Smartphone Model series XT2255, Black connection cable, White cable jacket				21.39%	PTFE	Other: Al Si P S Ca Ti Cu; Trace: Cl Ag Ba.	Reportable: Al Cu;
FK2220-03	22-237 Smartphone Model series XT2255, Black connection cable, Wire 1				34.10%		Main: Cu Sn; Other: Al Si P S Cl K Zn Nd W; Trace: Fe Y Zr Nb Ba Yb Bi.	Reportable: Cu Zn Sn Nd W;
FK2220-04	22-237 Smartphone Model series XT2255, Black connection cable, Wire 2				8.09%		Main: Cu Ag; Other: Al Si P S Cl Zn Nd W; Trace: Ti Ni Y Zr Nb Rh Ba Yb Bi U.	Reportable: Cu Zn Ag Nd W; 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⁾	
FK2220-05	22-237 Smartphone Model series XT2255, Black connection cable, Golden contact holders				17.34%		Main: Ni Cu Sn; Other: Al Si P S Cl Ti Zn Ge Nd Au; Trace: Fe Zr Nb Ag Ba La.	Reportable: Cu Sn Nd Au; Controlled: Ni.	
FK2220-06	22-237 Smartphone Model series XT2255, Black connection cable, Contacts				0.58%		Main: Si P S Ni Cu Sn Au; Other: Cl Ca Zn Ge Ag Ba; Trace: Ti Zr Nb Rh Sb.	Reportable: Cu Zn Ag Sn Ba Au; Controlled: Ni.	
FK2220-07	22-237 Smartphone Model series XT2255, Black connection cable, Black plastic inserts				0.58%	PP	Main: Al Si Ca; Other: P S Cl K Ti Fe Ni Cu; Trace: Cr Mn Ba Nd Au.	Reportable: Al Fe Si; Controlled: .	
FK2221-00	22-237 Smartphone Model series XT2255, White connection cable			0.225	0.14%				
FK2221-01	22-237 Smartphone Model series XT2255, White connection cable, White cable jacket 1					24.00%	PTFE	Other: Al Si P S Ti Zn; Trace: Ca Cu Ba.	Reportable: Al Zn; Controlled: .
FK2221-02	22-237 Smartphone Model series XT2255, White connection cable, Wire 1					42.67%		Main: Cu Sn; Other: Al Si P S Cl K Zn W; Trace: Y Zr Nb Ba.	Reportable: Cu Sn W;
FK2221-03	22-237 Smartphone Model series XT2255, White connection cable, White cable jacket 2					13.33%	PTFE	Other: Al Si P S Cl Ca Ti Zn; Trace: .	Reportable: Al Zn;
FK2221-04	22-237 Smartphone Model series XT2255, White connection cable, Wire 2					5.33%		Main: Cu Ag; Other: Al Si P S Cl Zn; Trace: Ti Ni Ge Sr Y Zr Nb Rh Cs Ba Nd Yb W.	Reportable: Cu Zn Ag;
FK2221-05	22-237 Smartphone Model series XT2255, White connection cable, Golden contact holder					13.78%		Main: S Ni Cu Sn; Other: Al Si P Cl Zn Nd Au; Trace: Ti Mn Ge Y Zr Nb Ag Sb Bi.	Reportable: Cu Sn Nd Au; Controlled: Ni.
FK2221-06	22-237 Smartphone Model series XT2255, White connection cable,				0.44%	PP	Main: Al Si Ca; Other: P S Cl K Ti Fe Cu; Trace: Cr Mn Ni Ba Au.	Reportable: Al Fe Si P; 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⁾	
	Black plastic inserts								
FK2221-07	22-237 Smartphone Model series XT2255, White connection cable, Golden contacts				0.44%		Main: P S Ni Cu Sn Au; Other: Si Cl Ca Ge Ag; Trace: Ti Y Zr Nb Rh Sb Ba La.	Reportable: Cu Ag Sn Au; Controlled: Ni.	
FK2222-00	22-237 Smartphone Model series XT2255, PWB Connection flex		0.578	0.35%			Main: Al P Ni Cu; Other: Si S Cl Ca Ti Zn Zr Hf Au; Trace: Cr Ga Ge Ru Ag Sb Ba Nd Tl.	Reportable: Al Cu Zn Au Si P; Controlled: Ni.	
FK2223-00	22-237 Smartphone Model series XT2255, Sensor		0.143	0.09%					
FK2223-01	22-237 Smartphone Model series XT2255, Sensor, Metallic glue strip					2.10%	PET 80% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Ti Cr Fe Hf; Trace: Zn Ga Ru In Sb Ba.	Reportable: Al Cr Fe Cu Si P; Controlled: Ni .
FK2223-02	22-237 Smartphone Model series XT2255, Sensor, Black plastic frame					14.69%	PC	Other: Al Si P S Cl Ca Ti Au; Trace: K Ni Cu Ba.	Reportable: Al Au Si;
FK2223-03	22-237 Smartphone Model series XT2255, Sensor, Black plastic housing					8.39%	PC	Other: Al Si P S Cl Ca Ti; Trace: Mn Cu.	Reportable: Al Si;
FK2223-04	22-237 Smartphone Model series XT2255, Sensor, Black foil ring					0.70%	see sample FK2216-03	Main: Si S; Other: Al P Cl K Ca Ti; Trace: Ba.	Reportable: Al Si; Controlled: .
FK2223-05	22-237 Smartphone Model series XT2255, Sensor, Blue glass					3.50%		Main: Si K Ti Zn; Other: Al P S Ca; Trace: Cl Rb Zr .	Reportable: Zn Si; Controlled: .
FK2223-06	22-237 Smartphone Model series XT2255, Sensor, Lenses				4.20%	hard rubber	Main: Si; Other: Al P S Cl Ca Ti; Trace: Ni Cu Ba W.	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⁾
FK2223-07	22-237 Smartphone Model series XT2255, Sensor, PWB				66.43%		Main: Al P S Cr Fe Ni Cu; Other: Si Cl Ca Ti Mn Co Zr Mo Sn Ba Hf; Trace: Zn Rh Ag I.	Reportable: Al Cr Fe Co Cu Sn Ba Si P; Controlled: Ni.
FK2224-00	22-237 Smartphone Model series XT2255, SUB PWB		1.652	1.00%				
FK2224-01	22-237 Smartphone Model series XT2255, SUB PWB, Black glue strip				0.24%	PAI 80% Silicone 20%	Main: Si; Other: P S Fe Cu; Trace: Cl Ca Ti .	Reportable: Fe Cu Si; Controlled: .
FK2224-02	22-237 Smartphone Model series XT2255, SUB PWB, Metal shielding				1.27%		Main: Ni Cu Zn; Other: Al Si P S Cl Ti Mn Fe Ag Sn Nd; Trace: Cr Ge Zr Rh Ba La.	Reportable: Fe Cu Zn Ag Sn Nd; Controlled: Ni.
FK2224-03	22-237 Smartphone Model series XT2255, SUB PWB				98.49%		See Chapter 4 x,y- scan Main: Al Si S Ti Cu Sn Ba; Other: P Cl Ca Sr Ru Ag Yb Hf Bi; Trace: Zr Pb.	Reportable: Al Cu Ag Sn Ba Bi Si P; Controlled: Pb
FK2225-00	22-237 Smartphone Model series XT2255, Speaker assembly			2.643	1.61%			
FK2225-01	22-237 Smartphone Model series XT2255, Speaker assembly, Metal plate 1				13.28%		Main: Cr Fe Ni; Other: Si P S Cl K V Mn Co Cu W; Trace: Ti Zn Rh Tl.	Reportable: Cr Fe Co Cu W; Controlled: Ni.
FK2225-02	22-237 Smartphone Model series XT2255, Speaker assembly, Metal frame				6.62%		Main: Fe Ni; Other: Si P S Cl K Ca Ti Mn Co Zn; Trace: Cr Y Mo Ba Pr Th.	Reportable: Fe Co Zn; Controlled: Ni.
FK2225-03	22-237 Smartphone Model series XT2255, Speaker assembly, Metal plate 2				17.25%		Main: P Fe Ni; Other: Al Si Cr Mn Bi; Trace: S Cl K Ca Y Rh Ba Pr Nd Tl.	Reportable: Cr Fe Bi; Controlled: Ni.
FK2225-04	22-237 Smartphone Model series XT2255, Speaker assembly,				15.47%		Main: Fe Zn Pr; Other: Al Si S Cl V Co Cu Ga Ge Sr Y Zr Nb Mo Yb Th U;	Reportable: Fe Co Cu Zn Y Pr;




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⁾
	Magnet 1						Trace: Se Ru Rh In Sn Sb Te Bi.	
FK2225-05	22-237 Smartphone Model series XT2255, Speaker assembly, Magnet 2				13.05%		Main: Fe Zn Pr; Other: Al Si S Cl Co Cu Ga Ge Sr Y Zr Nb Mo Nd Yb U; Trace: V Cr Ru Rh In Sn Bi Th.	Reportable: Fe Co Cu Zn Y Pr Nd;
FK2225-06	22-237 Smartphone Model series XT2255, Speaker assembly, Metal plate 3				4.20%		Main: P Fe Ni; Other: Al Si S Cl K Ca Ti Mn Co Zn Bi; Trace: Cr Y Sn Ba Nd.	Reportable: Fe Co Bi; Controlled: Ni.
FK2225-07	22-237 Smartphone Model series XT2255, Speaker assembly, Copper wire				2.61%		Main: Si Cu; Other: Al P S Cl K Ti Fe Zn W; Trace: Ni Y Zr Nb Rh Sb Cs Ba Nd Bi.	Reportable: Fe Cu Zn W;
FK2225-08	22-237 Smartphone Model series XT2255, Speaker assembly, Membrane				0.64%	Metal 60% PBT 40%	Main: Al; Other: Si P S Ca Ti Fe Cu; Trace: Cl V Mn Ni Zn Ga.	Reportable: Al Fe Cu Si;
FK2225-09	22-237 Smartphone Model series XT2255, Speaker assembly, Black plastic housing 1				23.38%	PC	Main: Si Ca; Other: Al P S Cl K Ti Cr Fe Cu; Trace: V Mn Zn Sr Zr Ba Nd.	Reportable: Al Cr Fe Cu Si P;
FK2225-10	22-237 Smartphone Model series XT2255, Speaker assembly, Black plastic housing 2				1.82%	PA/PET	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: Cr Ni Zn Sr Zr Ba.	Reportable: Al Fe Si P; Controlled: .
FK2225-11	22-237 Smartphone Model series XT2255, Speaker assembly, Gray rubber				0.04%	PUR	Main: Si S Ca; Other: Al P Cl Ti; Trace: Cr Mn Ni Ba Bi.	Reportable: Al Si P;
FK2225-12	22-237 Smartphone Model series XT2255, Speaker assembly, Clear glue				0.38%	PMMA	Main: Si P; Other: Al S Cl K Ca Ti Fe; Trace: Cr Ni Cu Zn Ba.	Reportable: Al Fe Si P; Controlled: .

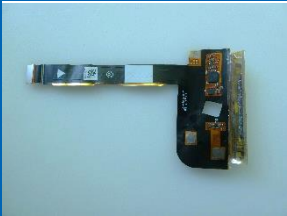


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾	
FK2225-13	22-237 Smartphone Model series XT2255, Speaker assembly, White plastic plate				0.11%	PET 80% Acrylic 20%	Main: Si S; Other: Al P Cl Ca Ti Fe; Trace: Ni Cu Zn Sb Ba.	Reportable: Al Fe Si P; Controlled: .	
FK2225-14	22-237 Smartphone Model series XT2255, Speaker assembly, Pink glue				0.04%	Acrylic	Main: Si S; Other: Al P Cl Ca Ti Cu; Trace: Ni .	Reportable: Al Cu Si; Controlled: .	
FK2225-15	22-237 Smartphone Model series XT2255, Speaker assembly, Blue glue				0.04%	Acrylic	Main: Si S; Other: Al P Cl Ca Ti Sn; Trace: Ni Cu Ba.	Reportable: Al Sn Si P; Controlled: .	
FK2225-16	22-237 Smartphone Model series XT2255, Speaker assembly, Flex 1				0.95%		Main: Si S Ni Cu; Other: Al P Cl Ca Ti Ge Zr Hf Au; Trace: Zn Ga Ba W.	Reportable: Al Cu Au Si P; Controlled: Ni.	
FK2225-17	22-237 Smartphone Model series XT2255, Speaker assembly, Flex 2				0.11%		Main: Si S; Other: Al P Cl K Ca Ti; Trace: Fe Ni Zn Zr Ba.	Reportable: Al Si P;	
FK2226-00	22-237 Smartphone Model series XT2255, Vibra call			0.901	0.55%				
FK2226-01	22-237 Smartphone Model series XT2255, Vibra call, Metal housing					24.42%		Main: P Fe Ni; Other: Al Si S Cl K Ti Cr Mn Co Bi; Trace: Ca Zn Mo Ba TI.	Reportable: Cr Fe Co Bi; Controlled: Ni.
FK2226-02	22-237 Smartphone Model series XT2255, Vibra call, Black glue strip				1.55%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: V Cr Cu Sb Ba.	Reportable: Al Fe Si; Controlled: Ni.	
FK2226-03	22-237 Smartphone Model series XT2255, Vibra call, Magnet				24.53%		Main: Fe Ni Cu Pr; Other: Al Si S Cl Co Ga Ge Y Zr Nb Mo Nd W Bi Th U; Trace: V Br Ru Rh In Sb Te.	Reportable: Fe Co Cu Y Pr Nd W 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⁾	
FK2226-04	22-237 Smartphone Model series XT2255, Vibra call, Metal plate				20.53%		Main: P Fe Ni; Other: Al Si S Cl K Ca Mn Co Bi; Trace: Ti Cr Zn Y Ba Pr Nd .	Reportable: Fe Co Bi; Controlled: Ni.	
FK2226-05	22-237 Smartphone Model series XT2255, Vibra call, Metal pin				0.78%		Main: P S Cr Fe; Other: Si Cl K Ca Ti V Mn Co Ni Cu Ba Nd Th U; Trace: Zn Sr Y Zr Nb Mo Sb Ti Bi.	Reportable: Cr Fe Co Cu Ba Nd; Controlled: Ni.	
FK2226-06	22-237 Smartphone Model series XT2255, Vibra call, PWB				27.52%		Main: Al Si S Ca Fe Ni Cu Au; Other: P Cl Ti Zn Ge Sn Ba W; Trace: Ga Zr.	Reportable: Al Fe Cu Sn Ba W Au Si P; Controlled: Ni.	
FK2226-07	22-237 Smartphone Model series XT2255, Vibra call, Flex				0.67%		Main: Cu; Other: Al Si P S Cl K Ca Ti Cr Ni Zn Zr Hf W Au; Trace: Fe Ga Ba.	Reportable: Al Cr Cu W Au Si P; Controlled: Ni.	
FK2227-00	22-237 Smartphone Model series XT2255, Top speaker			0.992	0.60%				
FK2227-01	22-237 Smartphone Model series XT2255, Top speaker, Black glue strip 1					0.60%	PUR 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Fe Ni Cu Zn Sb.	Reportable: Al Si P; Controlled: .
FK2227-02	22-237 Smartphone Model series XT2255, Top speaker, Black net 1					0.30%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti; Trace: Fe Ni Sb.	Reportable: Al Si P;
FK2227-03	22-237 Smartphone Model series XT2255, Top speaker, Black glue strip 2				0.10%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti Fe Ni; Trace: Cu Zn .	Reportable: Al Fe Si; Controlled: .	
FK2227-04	22-237 Smartphone Model series XT2255, Top speaker, Metal cover				17.84%		Main: P S Ni Cu; Other: Al Si Cl K Ti Fe Bi; Trace: Cr Mn Ge Se Y Zr Rh Ba Nd U.	Reportable: Fe Cu Bi; Controlled: Ni.	
FK2227-05	22-237 Smartphone Model series XT2255,				0.81%	PUR 60% PPS/PC 10%	Main: Al Si; Other: P S Cl Ca Ti Fe Cu;	Reportable: Al Fe Si; Controlled: .	

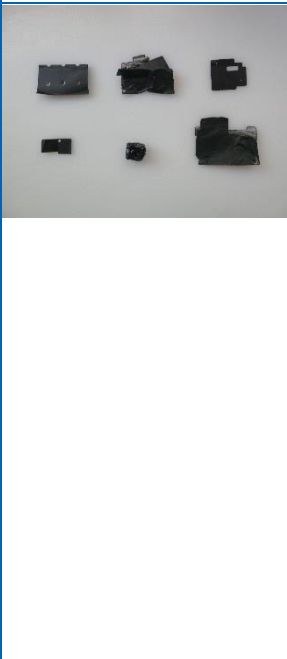




Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
	Top speaker, Membrane					Acrylic 10% Fluoropolymer 10% Metal 10%	Trace: V Cr Mn Ni Zn Nd.	
FK2227-06	22-237 Smartphone Model series XT2255, Top speaker, Copper wire				2.62%		Main: Si S Cu; Other: P Cl Ti Ni Zn Ag Sn W; Trace: Y Zr Nb Ba.	Reportable: Cu Zn Ag Sn W;
FK2227-07	22-237 Smartphone Model series XT2255, Top speaker, Blue rubber				0.10%	PUR	Main: Si S; Other: Al P Cl Ca Ti; Trace: Fe Ni Cu Sn Ba.	Reportable: Al Si P; Controlled: .
FK2227-08	22-237 Smartphone Model series XT2255, Top speaker, Black plastic frame				3.13%	PA	Main: S Ca; Other: Al Si P Cl K Ti Fe; Trace: Cr Mn Ni Cu Sr Zr Ba.	Reportable: Al Fe Si; Controlled: .
FK2227-09	22-237 Smartphone Model series XT2255, Top speaker, Black nets 2				1.11%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca; Trace: Fe Ni Cu Sb Nd.	Reportable: Al Si; Controlled: .
FK2227-10	22-237 Smartphone Model series XT2255, Top speaker, Metal frame				7.26%		Main: P Fe Ni; Other: Al Si S Cl K Ca Mn; Trace: Ti Y Nd.	Reportable: Fe; Controlled: Ni.
FK2227-11	22-237 Smartphone Model series XT2255, Top speaker, Metal housing				21.47%		Main: P Fe Ni; Other: Al Si S Cl K Ca Ti Mn Cu Zn Nd; Trace: V Cr Y Rh Ba La Pr.	Reportable: Fe Cu Zn Nd; Controlled: Ni.
FK2227-12	22-237 Smartphone Model series XT2255, Top speaker, Magnet 1				17.44%		Main: Si Fe Zn Pr; Other: Al S Cl V Co Cu Ga Y Zr Nb Mo Sb Cs Ba Yb Th U; Trace: Ge Se Br Ru Rh In Sn Te I Tl Bi.	Reportable: Fe Co Cu Zn Y Sb Ba Pr;
FK2227-13	22-237 Smartphone Model series XT2255,				17.44%		Main: Fe Zn Pr; Other: Al Si S Cl Co Cu Ga	Reportable: Fe Co Cu Zn Y Pr 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⁾	
	Top speaker, Magnet 2						Ge Y Zr Nb Mo Nd Yb U; Trace: V Rb Ru Rh Pd In Sn Sb Bi Th.		
FK2227-14	22-237 Smartphone Model series XT2255, Top speaker, Metal plate				6.96%		Main: P Fe Ni; Other: Al Si S Cl K Ca Ti Mn Co; Trace: Cr Zn Mo Ba Nd Bi.	Reportable: Fe Co; Controlled: Ni.	
FK2227-15	22-237 Smartphone Model series XT2255, Top speaker, Flex 1				0.71%		Main: S Cu; Other: Al Si P Cl K Ca Ti Ni Sn Au; Trace: Fe Co Zn.	Reportable: Al Co Cu Sn Au Si; Controlled: Ni.	
FK2227-16	22-237 Smartphone Model series XT2255, Top speaker, Flex 2				0.30%		Main: Al Si P S Cu; Other: Cl Ca Ti Co Ni; Trace: Cr Ta.	Reportable: Al Co Cu Si P;	
FK2227-17	22-237 Smartphone Model series XT2255, Top speaker, Flex 3				1.81%		Main: Al Si S Cl Ti Cu; Other: P K Ca Fe Ni Zr Hf; Trace: Zn Ba W.	Reportable: Al Fe Cu Si P; Controlled: Ni.	
FK2228-00	22-237 Smartphone Model series XT2255, Power button flex		0.180	0.11%			Main: Cr Fe Ni; Other: Al Si P S Cl Ca Ti V Mn Co Cu Mo Hf; Trace: Zn Ru Ag Sn Sb Ba Au.	Reportable: Al Cr Fe Co Cu Si; Controlled: Ni.	
FK2229-00	22-237 Smartphone Model series XT2255, Humidity Indicator 1+2		0.002	0.00%		Paper 80% Acrylic 20%	Main: S Ca; Other: Al Si P Cl Ti; Trace: Fe Ni Cu Ba.	Reportable: Al Si P; Controlled: .	
FK2230-00	22-237 Smartphone Model series XT2255, Red rubber part 1+2		0.011	0.01%					
FK2230-01	22-237 Smartphone Model series XT2255, Red rubber part 1+2					90.91%	Silicone	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Fe Ni Zn Ba.	Reportable: Si;
FK2230-02	22-237 Smartphone Model series XT2255, Red rubber part 1+2,					9.09%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti Cu; Trace: Cr Ni Zn In Hf.	Reportable: Al Si P; 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⁾
	Black glue strip							
FK2231-00	22-237 Smartphone Model series XT2255, Display LED flex		1.242	0.75%				
FK2231-01	22-237 Smartphone Model series XT2255, Display LED flex, Metallic glue strip 1				0.16%	PET 80% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Ti Fe Hf; Trace: Cr Zn Sb Ba Nd.	Reportable: Al Fe Cu Si P; Controlled: Ni.
FK2231-02	22-237 Smartphone Model series XT2255, Display LED flex, Metallic glue strip 2				0.16%	see sample FK2231-01	Main: Si S Ni Cu; Other: Al P Cl Ca Ti Hf; Trace: Cr Zn Ba.	Reportable: Al Cu Si P; Controlled: Ni.
FK2231-03	22-237 Smartphone Model series XT2255, Display LED flex, Metallic glue strip 3				0.16%	PET 80% Acrylic 20%	Main: S Ni Cu; Other: Al Si P Cl Ca Ti Hf; Trace: Ru Ba.	Reportable: Al Cu Si; Controlled: Ni .
FK2231-04	22-237 Smartphone Model series XT2255, Display LED flex				99.52%		See Chapter 4 x,y- scan Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Fe Zn Zr Sn Hf Au; Trace: Cr Ga Ge Ru Nd W Tl.	Reportable: Al Fe Cu Zn Sn Au Si; Controlled: Ni Pb.
FK2232-00	22-237 Smartphone Model series XT2255, Front glass with LCD		18.620	11.31%			Main: Si; Other: Al P S Cl K Ti Sn I; Trace: Fe Ga Zr.	Reportable: Al Sn Si P;
FK2233-00	22-237 Smartphone Model series XT2255, Copper foil		3.595	2.18%		Metal 70% Acrylic 30%	Main: Cu; Other: Al Si P Cl Zn W; Trace: S Cr Mn Fe Ge Y Zr Nb Mo Rh Ag Ba Nd.	Reportable: Cu Zn W;


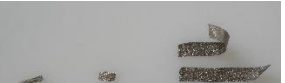
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FK2234-00	22-237 Smartphone Model series XT2255, Back foil		1.811	1.10%		PET 40% PEI 40% Acrylic 20%	Other: Al Si P Ti Mo Ag; Trace: Ca In Yb.	Reportable: Al Ag;
FK2235-00	22-237 Smartphone Model series XT2255, Inner housing		27.470	16.68%				
FK2235-01	22-237 Smartphone Model series XT2255, Inner housing, Black plastic frame				15.38%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: V Cr Mn Cu Zn Sr Zr Ba Nd.	Reportable: Al Fe Si P;
FK2235-02	22-237 Smartphone Model series XT2255, Inner housing, Black rubber				0.01%	PUR	Main: Si S; Other: Al P Cl Ca Ti; Trace: Fe Ni Cu Ba.	Reportable: Al Si; Controlled: .
FK2235-03	22-237 Smartphone Model series XT2255, Inner housing, Black glue strip				0.00%	PET 80% Acrylic 20%	Main: S; Other: Al Si Cl Ca Ti; Trace: Cr Ni Cu Zn Ba.	Reportable: Al Si; Controlled: .
FK2235-04	22-237 Smartphone Model series XT2255, Inner housing, Golden metal inserts				0.25%		Main: S Cu Zn Pb ; Other: Al Si P Cl Fe Ni Sn Bi; Trace: Ti Ge Y Rh Ag Sb Ba.	Reportable: Fe Cu Zn Sn Bi; Controlled: Ni Pb .
FK2235-05	22-237 Smartphone Model series XT2255, Inner housing				84.35%		Main: Al Si; Other: P S Cl K Ca Ti Cr Mn Fe Cu Zn; Trace: V Ni Ga Zr Pb .	Reportable: Al Cr Fe Cu Zn;
FK2236-00	22-237 Smartphone Model series XT2255, Black glue 1-3			0.389	0.24%			
FK2236-01	22-237 Smartphone Model series XT2255, Black glue 1				72.75%	PEVA 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Zn; Trace: Fe Ba Yb.	Reportable: Al Zn;

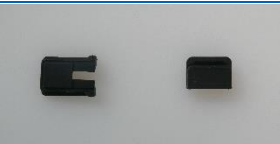

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FK2236-02	22-237 Smartphone Model series XT2255, Black glue 2				20.82%	PE	Other: Al Si P S Cl K Ca Ti Fe Zn; Trace: Ni Cu.	Reportable: Al Fe Zn Si;
FK2236-03	22-237 Smartphone Model series XT2255, Black glue 3				6.43%	PE 80% Acrylic 20%	Other: Al Si P S Cl Zn DIBP DNBP; Trace: Ti Mn Ni Cu Ba Nd.	Reportable: Al Zn Si; Controlled: DIBP DNBP.
FK2237-00	22-237 Smartphone Model series XT2255, Black glue foil 1-6		2.699	1.64%				
FK2237-01	22-237 Smartphone Model series XT2255, Black glue foil 1				24.27%	PUR 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti Co Zn Sb Ba.	Reportable: Al Co Si;
FK2237-02	22-237 Smartphone Model series XT2255, Black glue foil 2				15.71%	PET 80% Acrylic 20%	Main: Si; Other: Al P S K Ca; Trace: Ti Fe Sb Ba.	Reportable: Al Si;
FK2237-03	22-237 Smartphone Model series XT2255, Black glue foil 3				22.90%	PAI 70% Acrylic 20% PMMA 10%	Main: Fe Ni Cu Zn; Other: Al Si P S Cl K Ca Mn Co Ba Ta W; Trace: Ti Cr Ga Ge Zr Ru Nd.	Reportable: Al Fe Co Cu Zn Ba Ta W Si; Controlled: Ni .
FK2237-04	22-237 Smartphone Model series XT2255, Black glue foil 4				1.78%	PET 80% Acrylic 20%	Main: Al; Other: Si P S Cl Ca Fe; Trace: K Ti Ni Cu Zn Sb Ba.	Reportable: Al Fe Si P; Controlled: .
FK2237-05	22-237 Smartphone Model series XT2255, Black glue foil 5				33.64%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Cu; Trace: Ti Fe Ni Zn Sb Ba.	Reportable: Al Si;
FK2237-06	22-237 Smartphone Model series XT2255, Black glue foil 6			1.69%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl Ca; Trace: K Ti Fe Ni Cu Sb.	Reportable: Al Si P; Controlled: .	
FK2238-00	22-237 Smartphone Model series XT2255, Black shock pad 1-16		0.334	0.20%				
FK2238-01	22-237 Smartphone Model series XT2255, Black shock pad 1				60.78%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Zn Ga Sb.	Reportable: Al Fe Si;
FK2238-02	22-237 Smartphone Model series XT2255,				0.30%	PE 80% Acrylic 20%	Main: S; Other: Al Si P Cl K Ca Zn;	Reportable: Al Zn 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⁾
	Black shock pad 2						Trace: Ti Ni Cu Ba.	
FK2238-03	22-237 Smartphone Model series XT2255, Black shock pad 3				6.59%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca DIBP DNBP; Trace: Ti Mn Fe Zn Sb Ba.	Reportable: Al Si; Controlled: DIBP DNBP.
FK2238-04	22-237 Smartphone Model series XT2255, Black shock pad 4				4.19%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: Fe Zn Sb Ba Pr.	Reportable: Al Si;
FK2238-05	22-237 Smartphone Model series XT2255, Black shock pad 5				2.10%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: Fe Sb Ba.	Reportable: Al Si; Controlled: .
FK2238-06	22-237 Smartphone Model series XT2255, Black shock pad 6				2.69%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Ti; Trace: Fe Sb Ba.	Reportable: Al Si P;
FK2238-07	22-237 Smartphone Model series XT2255, Black shock pad 7				3.29%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Fe Ni Cu Zn Ga Sb Ba.	Reportable: Al Si;
FK2238-08	22-237 Smartphone Model series XT2255, Black shock pad 8				2.69%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Fe Ni Cu Zn Sb Ba.	Reportable: Al Si P;
FK2238-09	22-237 Smartphone Model series XT2255, Black shock pad 9				0.90%	PUR 60% PET 20% Acrylic 20%	Main: S; Other: Al Si Cl Ca; Trace: P Ti Ni Cu Ba.	Reportable: Al Si;
FK2238-10	22-237 Smartphone Model series XT2255, Black shock pad 10				1.80%	PUR 60% PET 20% Acrylic 20%	Main: Al Si S Ca; Other: P Cl K; Trace: Ti Ni Ba.	Reportable: Al Si P;
FK2238-11	22-237 Smartphone Model series XT2255, Black shock pad 11				1.50%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl Ca; Trace: K Ti Ni Zn Sb Ba.	Reportable: Al Si;
FK2238-12	22-237 Smartphone Model series XT2255, Black shock pad 12				1.50%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca Ti; Trace: Ni Zn Sb Ba.	Reportable: Al Si;
FK2238-13	22-237 Smartphone Model series XT2255, Black shock pad 13				5.99%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca DIBP DNBP;	Reportable: Al Si; Controlled: DIBP DNBP.

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⁾
							Trace: Ti Fe Ni Sb Ba.	
FK2238-14	22-237 Smartphone Model series XT2255, Black shock pad 14				2.69%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Ni .	Reportable: Al Si P;
FK2238-15	22-237 Smartphone Model series XT2255, Black shock pad 15				0.30%	PE 80% Acrylic 20%	Main: S; Other: Al Si P Cl K Ca Zn; Trace: Ti Ni Ru Ba.	Reportable: Al Zn Si P;
FK2238-16	22-237 Smartphone Model series XT2255, Black shock pad 16				2.69%	PE 80% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca Ti Zn; Trace: Cr Mn Ni Cu.	Reportable: Al Zn Si;
FK2239-00	22-237 Smartphone Model series XT2255, Label 1-5		0.032	0.02%				
FK2239-01	22-237 Smartphone Model series XT2255, Label 1				28.13%	Paper 80% Acrylic 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: Cr Mn Ni Zn Sr Ba Nd.	Reportable: Al Fe Si;
FK2239-02	22-237 Smartphone Model series XT2255, Label 2				28.13%	Paper 80% Acrylic 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: Cr Ni Cu Zn Sr Ba.	Reportable: Al Fe Si P;
FK2239-03	22-237 Smartphone Model series XT2255, Label 3				6.25%	PET 80% TPS 20%	Main: Si Ti; Other: Al P S Cl K Ca; Trace: Ni Zn Sb Ba.	Reportable: Al Si;
FK2239-04	22-237 Smartphone Model series XT2255, Label 4				28.13%	Paper 80% TPS 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: Cr Ni Cu Zn Sr Ba.	Reportable: Al Fe Si P;
FK2239-05	22-237 Smartphone Model series XT2255, Label 5				9.38%	PET 80% Acrylic 20%	Main: Si Ti; Other: Al P S Cl K Ca; Trace: Cr Ni Cu Zn Sb Ba.	Reportable: Al Si P;
FK2240-00	22-237 Smartphone Model series XT2255, Clear glue foil 1-5		0.202	0.12%				

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⁾
FK2240-01	22-237 Smartphone Model series XT2255, Clear glue foil 1				0.50%	PET 80% Acrylic 20%	Main: Al Si S Ca; Other: P Cl K Ti; Trace: Cr Ni Cu Zn Ba.	Reportable: Al Si;
FK2240-02	22-237 Smartphone Model series XT2255, Clear glue foil 2				2.48%	PET 80% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca Fe; Trace: Ti Cr Mn Ni Cu Zn Sb Ba.	Reportable: Al Fe Si; Controlled: .
FK2240-03	22-237 Smartphone Model series XT2255, Clear glue foil 3				95.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca; Trace: Ti Cr Fe Cu Zn Sb.	Reportable: Al;
FK2240-04	22-237 Smartphone Model series XT2255, Clear glue foil 4				1.49%	PET 80% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Mn Ni Cu Zn Sb Ba.	Reportable: Al Si P;
FK2240-05	22-237 Smartphone Model series XT2255, Clear glue foil 5				0.50%	PET 80% Acrylic 20%	Main: S; Other: Al Si P Cl Ca; Trace: Ti Mn Ni Cu Ba.	Reportable: Al Si;
FK2241-00	22-237 Smartphone Model series XT2255, Black glue strip 1-3		0.003	0.00%				
FK2241-01	22-237 Smartphone Model series XT2255, Black glue strip 1				33.33%	PAI 80% Acrylic 20%	Main: Al Si P S Ni Cu; Other: Cl Ca Ti Sr Ba Hf; Trace: Ge Zr Ru .	Reportable: Al Cu Ba Si P; Controlled: Ni .
FK2241-02	22-237 Smartphone Model series XT2255, Black glue strip 2				33.33%	PAI 80% Acrylic 20%	Main: Al Si P S Ni Cu; Other: Cl K Ca Ti Zn Sr Ba Hf; Trace: Ga Ge Zr Ru .	Reportable: Al Cu Ba Si P; Controlled: Ni .
FK2241-03	22-237 Smartphone Model series XT2255, Black glue strip 3				33.33%	PET	Main: Al; Other: Si P S Cl K Ca Ti; Trace: Ni Zn .	Reportable: Al Si; Controlled: .
FK2242-00	22-237 Smartphone Model series XT2255, Copper glue strip 1-3		0.698	0.42%				
FK2242-01	22-237 Smartphone Model series XT2255, Copper glue strip 1				25.36%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Al Si P S Cl K Fe Co Zn; Trace: Ti Mn Ge Se Br Y Zr Nb Mo Rh Ba Pr Nd Au Bi U.	Reportable: Fe Co Cu Zn; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds ¹⁾
FK2242-02	22-237 Smartphone Model series XT2255, Copper glue strip 2				3.58%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Al Si P S Cl K Fe Co Nd; Trace: Ti Mn Zn Ge Y Zr Nb Mo Ba Au Bi U.	Reportable: Fe Co Cu Nd; Controlled: Ni.
FK2242-03	22-237 Smartphone Model series XT2255, Copper glue strip 3				71.06%	Metal 70% Acrylic 30%	Main: Ni Cu; Other: Al Si P S Cl K Fe Zn; Trace: Ti Mn Ge Se Br Y Zr Nb Mo Ru Rh Ba Nd Au Bi U.	Reportable: Al Fe Cu Zn; Controlled: Ni.
FK2243-00	22-237 Smartphone Model series XT2255, Metallic glue strip 1-6		0.312	0.19%				
FK2243-01	22-237 Smartphone Model series XT2255, Metallic glue strip 1				1.28%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Hf; Trace: Cr Zn Ga Sb Ba Nd.	Reportable: Al Cu Si; Controlled: Ni .
FK2243-02	22-237 Smartphone Model series XT2255, Metallic glue strip 2				1.92%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Zn Hf; Trace: V Cr Fe Ga Zr Sb Ba Nd.	Reportable: Al Cu Si; Controlled: Ni .
FK2243-03	22-237 Smartphone Model series XT2255, Metallic glue strip 3				11.86%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Hf; Trace: Cr Mn Zn Ga Sb Ba Nd.	Reportable: Al Cu Si; Controlled: Ni.
FK2243-04	22-237 Smartphone Model series XT2255, Metallic glue strip 4				34.29%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Ti Hf; Trace: Cr Zn Ga Sb.	Reportable: Al Cu Si; Controlled: Ni .
FK2243-05	22-237 Smartphone Model series XT2255, Metallic glue strip 5				24.04%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Zn Hf; Trace: Fe Ga Sb Ba.	Reportable: Al Cu Zn Si; Controlled: Ni.
FK2243-06	22-237 Smartphone Model series XT2255, Metallic glue strip 6				26.60%	PET 80% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Zn Hf; Trace: Cr Mn Fe Ga Sb Nd.	Reportable: Al Cu Zn Si; Controlled: Ni .
FK2244-00	22-237 Smartphone Model series XT2255, Metallic shock pad 1-4		0.055	0.03%				

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⁾
FK2244-01	22-237 Smartphone Model series XT2255, Metallic shock pad 1				14.55%	TPU 60% PET 20% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl Ca Hf; Trace: Ti Zn Ga Sn Sb Ba.	Reportable: Al Cu Si; Controlled: Ni .
FK2244-02	22-237 Smartphone Model series XT2255, Metallic shock pad 2				5.45%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Hf; Trace: Ti Cr Zn Sb Ba.	Reportable: Al Cu Si; Controlled: Ni .
FK2244-03	22-237 Smartphone Model series XT2255, Metallic shock pad 3+4				80.00%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Zn Hf; Trace: Ti Fe Sn Sb Ba.	Reportable: Al Cu; Controlled: Ni .
FK2245-00	22-237 Smartphone Model series XT2255, Black rubber cover 1-2		0.251	0.15%				
FK2245-01	22-237 Smartphone Model series XT2255, Black rubber cover 1				58.96%	Silicone	Main: Si; Other: P S Cl K Ca Fe Zn; Trace: Ti Ba.	Reportable: Fe Zn Si; Controlled: .
FK2245-02	22-237 Smartphone Model series XT2255, Black rubber cover 2				41.04%	Silicone	Main: Si; Other: P S Cl K Ca Ti Fe Zn; Trace: Zr.	Reportable: Fe Zn Si;
FK2246-00	22-237 Smartphone Model series XT2255, Black screws 1-2		0.816	0.50%				
FK2246-01	22-237 Smartphone Model series XT2255, Black screws 1				94.85%		Main: P S Fe Zn; Other: Al Si Cl K Ca Ti Cr Mn Co Cu Mo; Trace: Ge Y Zr Sb Ba La Pr.	Reportable: Cr Fe Co Cu Zn;
FK2246-02	22-237 Smartphone Model series XT2255, Black screw 2				5.15%		Main: P S Fe Zn; Other: Al Si Cl K Ca Cr Mn Co Cu Ge Mo; Trace: Ti Zr Nb Rh Sb Ba Bi Th.	Reportable: Cr Fe Co Cu Zn;

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

* Bromine detected: indicates potential presence of Brominated Flame Retardants

** 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.

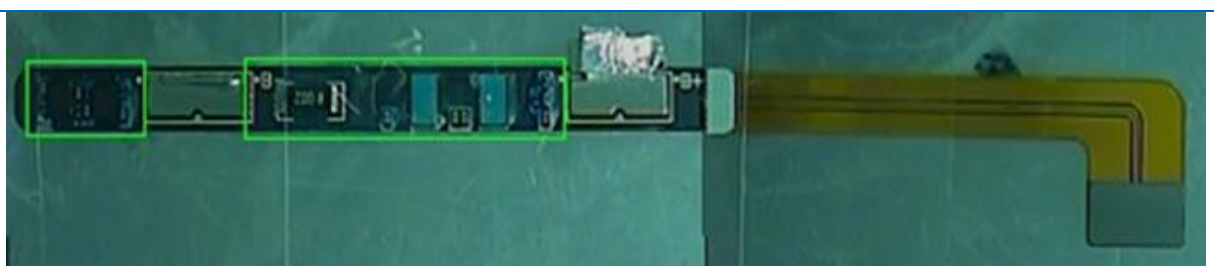

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4 Results EDXRF Scan

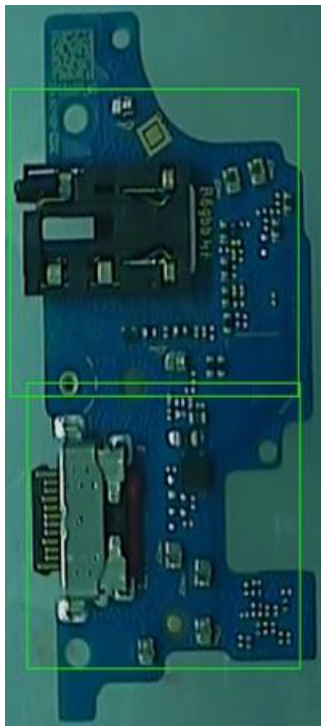

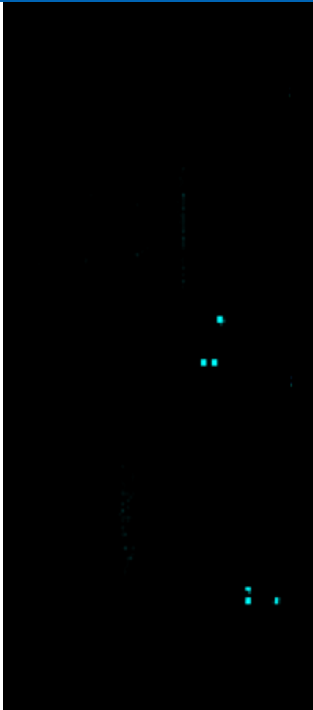
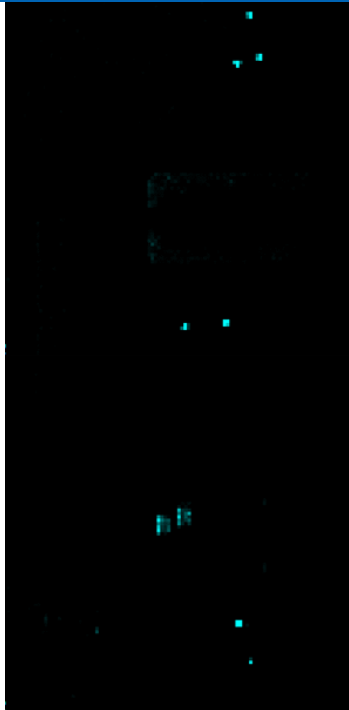
Results x,y Scan Sample FK2213-01 Top

		
Bromine		
Not detected		
Lead		
		

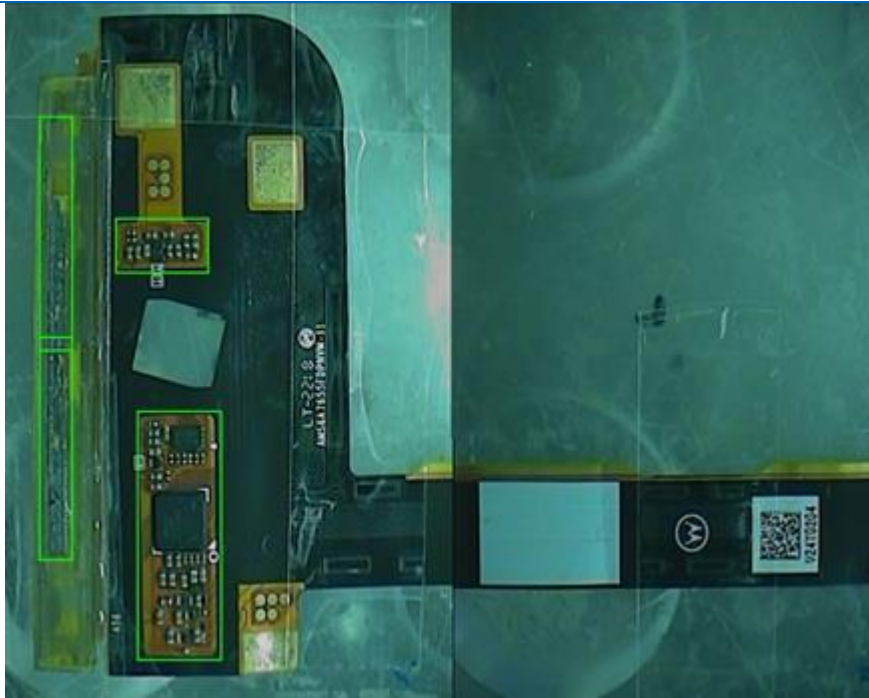
Results x,y Scan Sample FK2219-01 Top

		
Bromine		
Not detected		
Lead		
		

Results x,y Scan Sample FK2224-03

	
Bromine	
Not detected	Not detected
Lead	
	

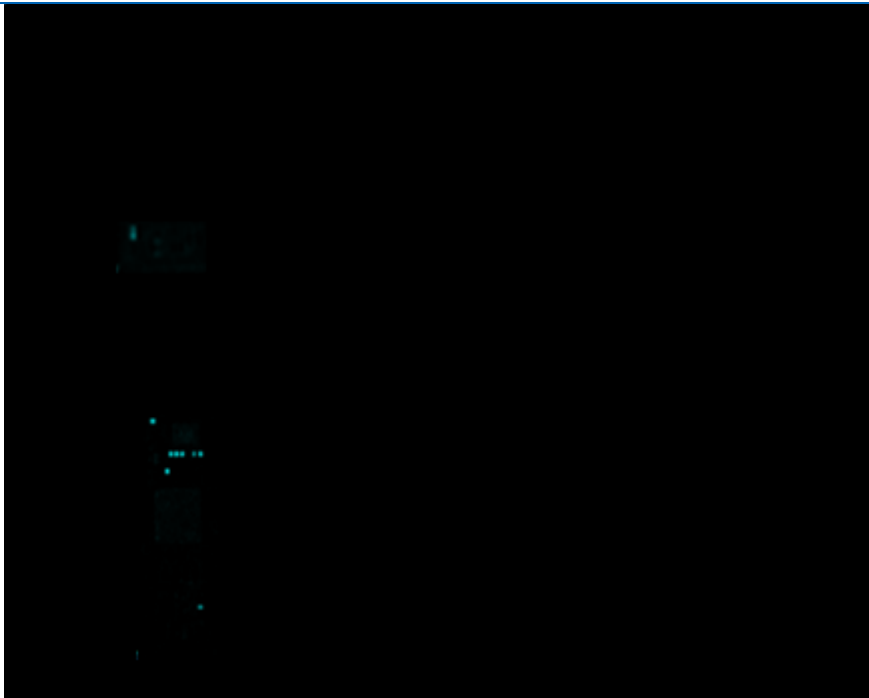
Results x,y Scan Sample FK2231-04 Top



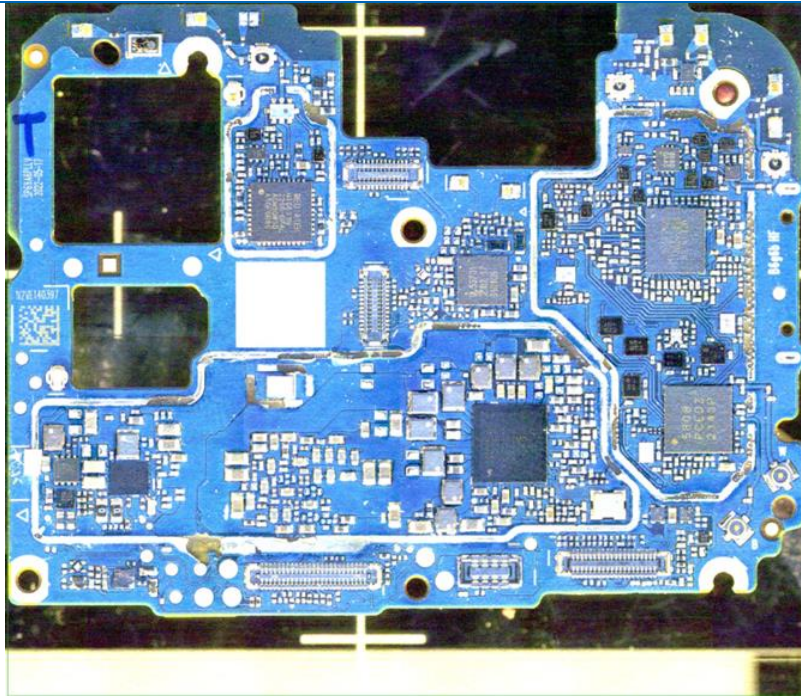
Bromine

Not detected

Lead



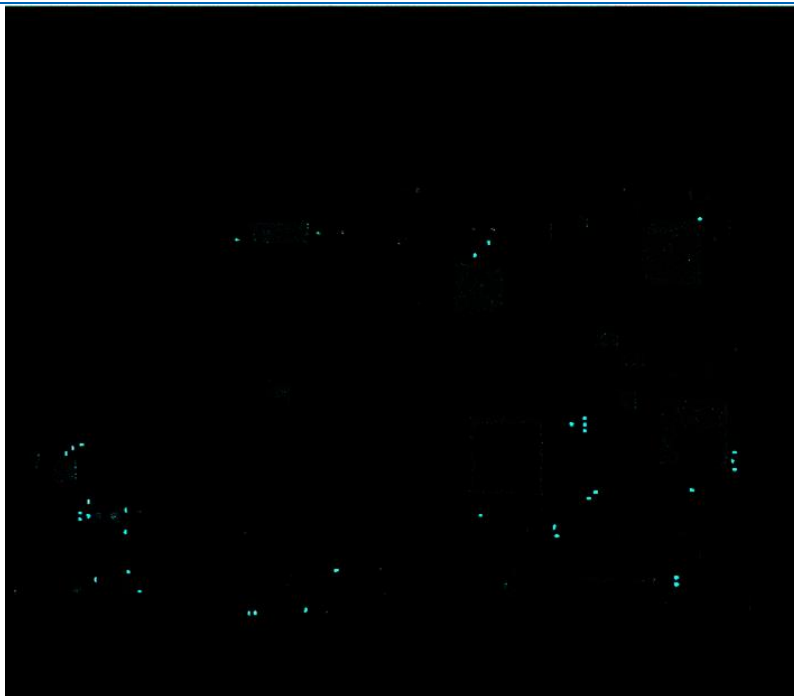
Results x,y Scan Sample FK2218-01 Top



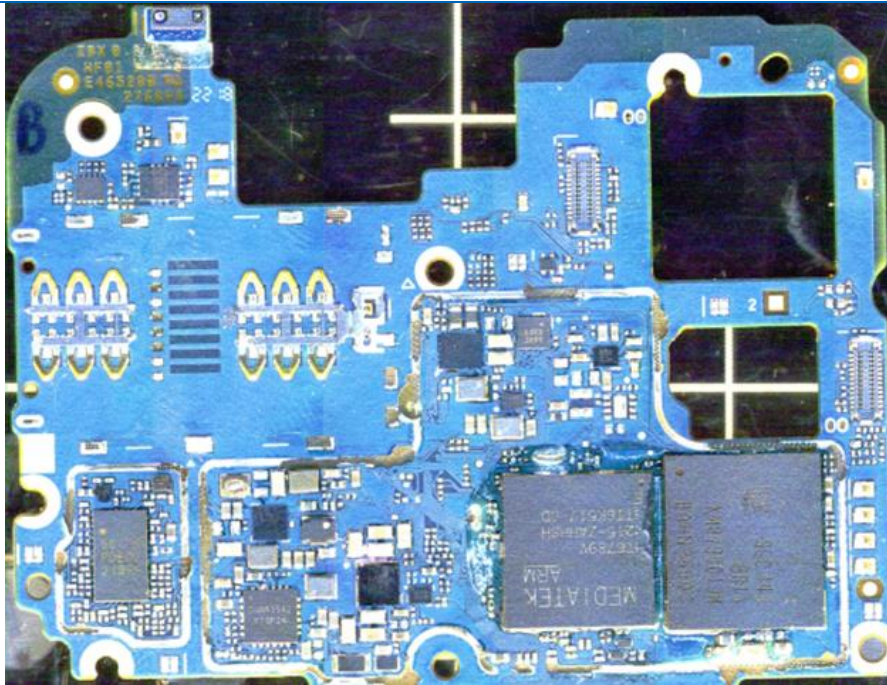
Bromine

Not detected

Lead



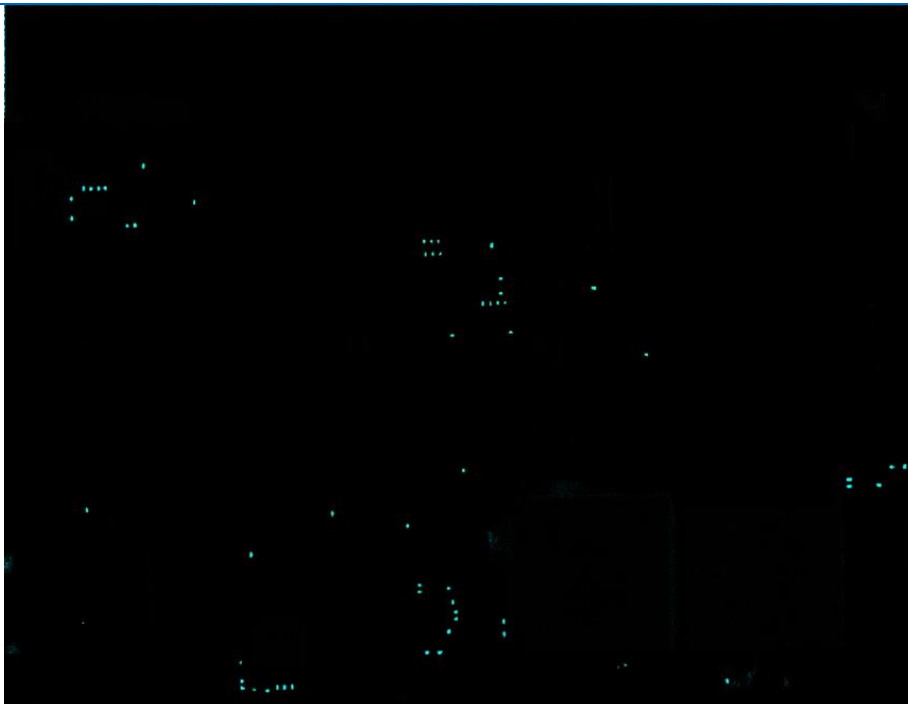
Results x,y Scan Sample FK2218-01 Bottom



Bromine

Not detected

Lead





5 Zusammenfassung REACH 1907/2006/EC / Summary REACH 1907/2006/EC screening results

According to §33 Reach information needs to be provided within the supply chain if the concentration of a SVHC substance calculated for the article is higher than 0.1 %. The table below summarizes the organic substances detected with concentrations > 0.1% calculated for the articles according to SVHC substance list dated January 17th, 2022, 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.

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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)
Model XT2255 series	FM1178	4-tert-butylphenol ⁴⁾	-	-	0.018	0.004	N
	FM1179	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.323	<0.001	N³⁾
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.034	<0.001	N
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.009	<0.001	N
	FM1180	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.148	<0.001	N³⁾
		-	-	Methylenediphenyl diisocyanate (MDI) (Entry 56)	0.057	<0.001	NA
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.005	<0.001	N
	FM1181	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.042	<0.001	N
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N
	FM1182	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.800	0.021	N³⁾
	FM1183	-	-	Methylenediphenyl diisocyanate (MDI) (Entry 56)	0.163	<0.001	NA
		Diisobutyl phthalate (DIBP)	Diisobutyl phthalate (DIBP)	-	0.012	<0.001	N
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.016	<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)	
Model XT2255 series	FM1184	-	-	-				
	FM1185	-	-	-				
	FM1186	-	-	-				
	FM1187		-	-	Diisocyanates (Entry 74)	0.028	<0.001	N
		Diisobutyl phthalate (DIBP)	Diisobutyl phthalate (DIBP)	-	0.006	<0.001	N	
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.007	<0.001	N	
	FM1188		-	-	Methylenediphenyl diisocyanate (MDI) (Entry 56)	0.030	<0.001	NA
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N	
	FM1189	Dodecamethylcyclohexasiloxane (D6)				0.008	<0.001	N
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N	
	FM1190	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	-	0.018	<0.001	N
			-	-	Diisocyanates (Entry 74)	0.216	<0.001	NA
		Diisobutyl phthalate (DIBP)	Diisobutyl phthalate (DIBP)	-	0.019	<0.001	N	
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.024	<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)
Model XT2255 series	FM1191	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.008	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.093	<0.001	NA
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N
	FM1192	-	-	Diisocyanates (Entry 74)	0.049	<0.001	NA
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N
	FM1193	-	-	Diisocyanates (Entry 74)	0.008	<0.001	NA
		-	-	Methylenediphenyl diisocyanate (MDI) (Entry 56)	0.005	<0.001	NA
		Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP)	Dibutyl phthalate (DBP) Entry 51	0.003	<0.001	N
	FM1194	-	-	-			
	FM1195	4-tert-butylphenol ⁴⁾	-	-	0.019	<0.001	N
	FM1196	-	-	-			
	FM1197	4-tert-butylphenol ⁴⁾	-	-	0.012	<0.001	N
	FM1198	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.033	<0.001	N
		-	-	Diisocyanates (Entry 74)	0.009	<0.001	N
	FM1199	4-tert-butylphenol ⁴⁾	-	-	0.044	0.001	N
-		-	Diisocyanates (Entry 74)	0.003	<0.001	NA	



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)
Model XT2255 series	FM1200	4-tert-butylphenol ⁴⁾	-	-	0.013	0.001	N
	FM1201	-	-	-			
	FM1202	1,3-propanesultone	-	1,3-propanesultone (Entry 28)	0.338	0.091	N³⁾
		4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.018	0.005	N
	FM1203	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.013	<0.001	N
	FM1204	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.013	<0.001	N
	FM1205	4,4'-isopropylidenediphenol (BPA)	-	4,4'-isopropylidenediphenol (BPA) (Entry 66)	0.013	0.001	N

¹⁾ For the composition of fractions please refer to Chapter 7. Please note, that for the composition of fractions only samples with a certain minimum weight can be used properly. The minimum weight is 0.02g for soft materials and 0.01g for hard materials. Materials which are consumed completely during previous analyses can not be considered as well.

²⁾ The results refer to the article considered as functional unit as described in the first column of this table. For the assignment on homogenous material level, further testing could be required. For samples with low weights, the detection limit of 0.1% SVHC in 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

NA: Not applicable



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 diAurate, 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")



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 (DBA_hA)</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></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

PAK / PAH	FK2202-00
Benz[a]anthracene (mg/kg)	ND
Chrysene (mg/kg)	ND
Benzo[b]fluoranthene (mg/kg)	ND
Benzo[k]fluoranthene (mg/kg)	ND
Benzo[j]fluoranthene (mg/kg)	ND
Benzo[e]pyrene (mg/kg)	ND
Benzo[a]pyrene (mg/kg)	ND
Dibenz[a,h]anthracene (mg/kg)	ND
1907/2006/EG Anhang XVII Nr. 50 (REACH) 1907/2006/EC REACH Annex XVII Entry 50	Pass!

ND: Nicht nachgewiesen / *Not detected*

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



7 Composition of fraction samples

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	32.563	FM1178	FK2202-00	22-237 Smartphone Model series XT2255, Backside cover	4.222%	6.97

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.105	FM1179	FK2219-14	22-237 Smartphone Model series XT2255, Battery, Green glue strips 2	0.015%	0.02
				FK2219-05	22-237 Smartphone Model series XT2255, Battery, Black glue strip 2	0.022%	0.04
				FK2219-16	22-237 Smartphone Model series XT2255, Battery, Blue glue strips	0.027%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.195	FM1180	FK2219-12	22-237 Smartphone Model series XT2255, Battery, Green glue strips 1	0.028%	0.05
				FK2219-13	22-237 Smartphone Model series XT2255, Battery, Green/black glue strips 1	0.042%	0.07
				FK2219-04	22-237 Smartphone Model series XT2255, Battery, Black glue strip 1	0.048%	0.08



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.460	FM1181	FK2219-03	22-237 Smartphone Model series XT2255, Battery, Yellow/Black glue strip	0.066%	0.11
				FK2219-15	22-237 Smartphone Model series XT2255, Battery, Green/Black glue strips 2	0.105%	0.17
				FK2219-06	22-237 Smartphone Model series XT2255, Battery, Yellow glue strips 1	0.107%	0.18

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	4.256	FM1182	FK2219-11	22-237 Smartphone Model series XT2255, Battery, White foil	2.578%	4.26

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.062	FM1183	FK2206-00	22-237 Smartphone Model series XT2255, Black foam pads 1	0.012%	0.02
				FK2238-13	22-237 Smartphone Model series XT2255, Black shock pad 13	0.012%	0.02
				FK2238-03	22-237 Smartphone Model series XT2255, Black shock pad 3	0.013%	0.02



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.068	FM1184	FK2220-01	22-237 Smartphone Model series XT2255, Black connection cable, Black cable jacket	0.019%	0.03
				FK2220-02	22-237 Smartphone Model series XT2255, Black connection cable, White cable jacket	0.022%	0.04

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.084	FM1185	FK2221-03	22-237 Smartphone Model series XT2255, White connection cable, White cable jacket 2	0.018%	0.03
				FK2221-01	22-237 Smartphone Model series XT2255, White connection cable, White cable jacket 1	0.033%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.309	FM1186	FK2217-00	22-237 Smartphone Model series XT2255, Thermal paste	0.187%	0.31



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.156	FM1187	FK2243-03	22-237 Smartphone Model series XT2255, Metallic glue strip 3	0.022%	0.04
				FK2244-03	22-237 Smartphone Model series XT2255, Metallic shock pad 3+4	0.027%	0.04
				FK2243-05	22-237 Smartphone Model series XT2255, Metallic glue strip 5	0.045%	0.08

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.393	FM1188	FK2243-06	22-237 Smartphone Model series XT2255, Metallic glue strip 6	0.050%	0.08
				FK2243-04	22-237 Smartphone Model series XT2255, Metallic glue strip 4	0.065%	0.11
				FK2238-01	22-237 Smartphone Model series XT2255, Black shock pad 1	0.123%	0.20



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.298	FM1189	FK2218-08	22-237 Smartphone Model series XT2255, Main PWB, Black rubber part	0.028%	0.05
				FK2245-02	22-237 Smartphone Model series XT2255, Black rubber cover 2	0.062%	0.10
				FK2245-01	22-237 Smartphone Model series XT2255, Black rubber cover 1	0.090%	0.15

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.050	FM1190	FK2203-06	22-237 Smartphone Model series XT2255, Backside camera cover, Black glue	0.015%	0.03
				FK2236-03	22-237 Smartphone Model series XT2255, Black glue 3	0.015%	0.03



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.321	FM1191	FK2237-04	22-237 Smartphone Model series XT2255, Black glue foil 4	0.029%	0.05
				FK2236-02	22-237 Smartphone Model series XT2255, Black glue 2	0.049%	0.08
				FK2240-03	22-237 Smartphone Model series XT2255, Clear glue foil 3	0.116%	0.19

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	1.325	FM1192	FK2236-01	22-237 Smartphone Model series XT2255, Black glue 1	0.171%	0.28
				FK2237-02	22-237 Smartphone Model series XT2255, Black glue foil 2	0.257%	0.42
				FK2237-03	22-237 Smartphone Model series XT2255, Black glue foil 3	0.374%	0.62



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	2.020	FM1193	FK2237-01	22-237 Smartphone Model series XT2255, Black glue foil 1	0.397%	0.66
				FK2237-05	22-237 Smartphone Model series XT2255, Black glue foil 5	0.550%	0.91
				FK2237-06	22-237 Smartphone Model series XT2255, Black glue foil 6	0.277%	0.46

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.211	FM1194	FK2216-04	22-237 Smartphone Model series XT2255, Front camera, Lenses	0.022%	0.04
				FK2214-05	22-237 Smartphone Model series XT2255, Backside camera 2, Lenses	0.031%	0.05
				FK2215-15	22-237 Smartphone Model series XT2255, Backside camera 3, Lenses	0.074%	0.12

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
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22-237 Smartphone Model series XT2255	165.081	0.173	FM1195	FK2213-03	22-237 Smartphone Model series XT2255, Backside camera 1, Black plastic housing	0.014%	0.02
				FK2214-03	22-237 Smartphone Model series XT2255, Backside camera 2, Black plastic housing	0.025%	0.04
				FK2216-01	22-237 Smartphone Model series XT2255, Front camera, Black plastic housing	0.027%	0.04
				FK2223-02	22-237 Smartphone Model series XT2255, Sensor, Black plastic frame	0.013%	0.02
				FK2223-03	22-237 Smartphone Model series XT2255, Sensor, Black plastic housing	0.007%	0.01
				FK2227-08	22-237 Smartphone Model series XT2255, Top speaker, Black plastic frame	0.019%	0.03

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.551	FM1196	FK2204-01	22-237 Smartphone Model series XT2255, Light guide	0.033%	0.05



				FK2213-02	22-237 Smartphone Model series XT2255, Backside camera 1, Black plastic frame	0.025%	0.04
				FK2214-02	22-237 Smartphone Model series XT2255, Backside camera 2, Black plastic part	0.051%	0.09
				FK2215-03	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic part 1	0.057%	0.09
				FK2215-04	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic part 2	0.033%	0.06
				FK2215-11	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic frame	0.044%	0.07
				FK2216-06	22-237 Smartphone Model series XT2255, Front camera, Black plastic frame	0.025%	0.04
				FK2218-12	22-237 Smartphone Model series XT2255, Main PWB, Black plastic part	0.037%	0.06
				FK2225-10	22-237 Smartphone Model series XT2255, Speaker assembly, Black plastic housing 2	0.029%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
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22-237 Smartphone Model series XT2255	165.081	0.909	FM1197	FK2201-03	22-237 Smartphone Model series XT2255, SIM Card holder, Black plastic part	0.092%	0.15
				FK2225-09	22-237 Smartphone Model series XT2255, Speaker assembly, Black plastic housing 1	0.374%	0.62
				FK2215-12	22-237 Smartphone Model series XT2255, Backside camera 3, Black plastic housing	0.084%	0.14

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	1.811	FM1198	FK2234-00	22-237 Smartphone Model series XT2255, Back foil	1.097%	1.81

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	4.225	FM1199	FK2235-01	22-237 Smartphone Model series XT2255, Inner housing, Black plastic frame	2.559%	4.23



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	7.612	FM1200	FK2212-01	22-237 Smartphone Model series XT2255, Black plastic cover	4.611%	7.61

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	1.034	FM1201	FK2219-02	22-237 Smartphone Model series XT2255, Battery, Black plastic part	0.110%	0.18
				FK2219-01	22-237 Smartphone Model series XT2255, Battery, Flex	0.517%	0.85

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	44.387	FM1202	FK2219-19	22-237 Smartphone Model series XT2255, Battery, Carbon coating	26.888%	44.39



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	0.369	FM1203	FK2227-17	22-237 Smartphone Model series XT2255, Top speaker, Flex 3	0.011%	0.02
				FK2209-00	22-237 Smartphone Model series XT2255, Antenna flex 3	0.013%	0.02
				FK2225-16	22-237 Smartphone Model series XT2255, Speaker assembly, Flex 1	0.015%	0.03
				FK2211-00	22-237 Smartphone Model series XT2255, Antenna flex 5	0.020%	0.03
				FK2208-00	22-237 Smartphone Model series XT2255, Antenna flex 2	0.027%	0.05
				FK2210-00	22-237 Smartphone Model series XT2255, Antenna flex 4	0.032%	0.05
				FK2207-00	22-237 Smartphone Model series XT2255, Antenna flex 1	0.047%	0.08
				FK2223-07	22-237 Smartphone Model series XT2255, Sensor, PWB	0.058%	0.10

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
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22-237 Smartphone Model series XT2255	165.081	1.744	FM1204	FK2214-07	22-237 Smartphone Model series XT2255, Backside camera 2, Flex	0.070%	0.12
				FK2216-07	22-237 Smartphone Model series XT2255, Front camera, Flex	0.071%	0.12
				FK2213-01	22-237 Smartphone Model series XT2255, Backside camera 1, Flex	0.090%	0.15
				FK2228-00	22-237 Smartphone Model series XT2255, Power button flex	0.109%	0.18
				FK2226-06	22-237 Smartphone Model series XT2255, Vibra call, PWB	0.150%	0.25
				FK2215-01	22-237 Smartphone Model series XT2255, Backside camera 3, Flex	0.216%	0.36
				FK2222-00	22-237 Smartphone Model series XT2255, PWB Connection flex	0.350%	0.58



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
22-237 Smartphone Model series XT2255	165.081	10.840	FM1205	FK2231-04	22-237 Smartphone Model series XT2255, Display LED flex	0.749%	1.24
				FK2224-03	22-237 Smartphone Model series XT2255, SUB PWB	0.986%	1.63
				FK2218-01	22-237 Smartphone Model series XT2255, Main PWB	4.832%	7.98

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