VDE Prüfbericht / *VDE Test Report*

Prüfbericht Nr. *Report No.*	290373-TL7-2
VDE-Aktenzeichen *VDE File No.*	5022428-9021-0054/290373
Ausstellungsdatum *Date of issue*	2021-12-02
Labor *Laboratory*	**VDE** Prüf- und Zertifizierungsinstitut GmbH ***VDE*** *Testing and Certification Institute*
Adresse *Address*	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüfort / Adresse *Testing location/ address*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Auftraggeber *Applicant's name*	Motorola Mobility LLC
Auftraggeber Adresse *Applicant's address*	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA
Angewandte Norm(en) *Applied standard(s)*	Motorola W18 rev. E
	2011/65/EU & 2015/863/EU(RoHS)
	1907/2006/EC § 33 (REACH, SVHC)
	1907/2006/EC Annex XIV (REACH, Authorisation List)
	1907/2006/EC Annex XVII (REACH, List of restrictions)
Art der Prüflinge *Test item description*	**Smart Phone**
Warenzeichen *Trade Mark*	**Motorola/Lenovo**
Typenbezeichnungen(en) *Type reference(s)*	**Model: XT2201 Series** **S/N: NGUR190132**
Bemessungsdaten *Ratings*	

Haftungsausschluss / *Disclaimer:*

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
This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to found the accordance with the thereafter listed standards or clauses of standards resp.
The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below. Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.

Zustand des Prüfmusters *Test sample condition*.....	☒	Unbeschädigtes Prüfmuster *Non-damaged sample*
	Bemerkung / *Remark:*	
Wareneingang Prüfmuster *Sample entry date*.....	2021-10-11	
Datum der Durchführung der Prüfungen *Date (s) of performance of tests*.....	2021-10-11 - 2021-12-02	

Geprüft und erstellt von: *Tested by*.....:	Annkatrin Kuhl	
Name / *Name,* Unterschrift / *Signature*.....:	(Autorisierung des Prüfberichtes *Authorization of test report*)	
Funktion / *Function*.....:	Prüfingenieur / Testing engineer	
Überprüft von / *Verified by*.....:		
Name / *Name,* Unterschrift / *Signature*.....:	Dr. Michael Riess	
Funktion / *Function*.....:	Reviewer	

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

Durceführte Prüfungen / *Performed tests*			
Abschnitt *Clause*	Prüfanforderungen / *Requirement + Test*	Ergebnis – Anmerkung *Result – Remark*	Beurteilung *Verdict*
	Motorola W18 Rev. E	Substances detected	
	2011/65/EU & 2015/863/EU(RoHS)	Pass	P
	1907/2006/EC § 33 (REACH, SVHC)	Substances detected	Reporting required*
	1907/2006/EC Annex XIV (REACH, Authorisation List)	No substances detected	
	1907/2006/EC Annex XVII (REACH, List of restrictions)	Substances detected	
Ergänzende Information / *Supplementary information*:			
* According to the kind and extend of the tests performed no reporting is required on the functional unit level. However, reporting is required on the homogeneous material level due to 1,3-propanesultone, 4-tert-butylphenol and Bisphenol A.			

Allgemeine Bemerkungen / *General Remarks:*

Konformitätsaussage / *Conformity statement*:

☒ Konformitätsaussage wird gemäß IEC Guide 115, Procedure 2 (Accuracy method), entschieden.

Conformity statement is decided in accordance with IEC Guide 115, Procedure 2. (Accuracy method)

☐ Konformitätsaussage wird gemäß der internen Prozedur entschieden. (Siehe Tabelle „Messunsicherheit“)

Conformity statement is decided according to the internal procedure. (See table "Measurement uncertainty")

Messunsicherheit (optional nach Abschnitt 7.8.3.1 c) der IEC 17025)
Uncertainty of measurement (optional according to sub-clause 7.8.3.1 c) *of IEC 17025)*:

Aussage über die Unsicherheit der für die Tests verwendeten Messsysteme

(kann durch den Produktstandard oder den Kunden erforderlich sein)

Statement concerning the uncertainty of the measurement systems used for the tests

(may be required by the product standard or client)

☐ **Internes Verfahren für die Typprüfung, durch das die Rückführbarkeit der Messunsicherheit hergestellt wurde:**

Internal procedure used for type testing through which traceability of the measuring uncertainty has been established:

Verfahrensnummer, Ausstellungsdatum und Titel:

Procedure number, issue date and title:

Die Berechnungen, die zu den gemeldeten Werten führen, sind bei dem NCB und dem Testlabor, das die Tests durceführt hat, hinterlegt.

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted the testing.

☒ **Aussage wird von der für die Typprüfung verwendeten Norm nicht verlangt.**

Statement not required by the standard used for type testing

(Anmerkung: Wenn die IEC- oder ISO-Norm eine Aussage über die Unsicherheit der für Prüfungen verwendeten Messsysteme verlangt, sollte dies oben angegeben werden. Der informative Text in Klammern sollte in beiden Fällen nach Auswahl der zutreffenden Option gelöscht werden)

(Note: When IEC or ISO standard requires a statement concerning the uncertainty of the measurement systems used for tests, this should be reported above. The informative text in parenthesis should be delete in both cases after selecting the applicable option)

Prüf- und Messmittel / *Testing and measuring equipment*:		
Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Spectro XEPOS XC Inv. No. 1150667/ Spectro XEPOS HE Inv. No. 1150529 Energy-Dispersive X-Ray Fluorescence (EDXRF)	IEC 62321-3-1:2013
Polymers	Bruker ALPHA Inv. No. 1150578 Infrared Spectrometry (IR)	Inhouse Method SOP TL72 0214 Version 1
PBB, PBDE	Thermo Scientific (Dionex) UltiMate 3000 Inv. No. 5200456 High Pressure Liquid Chromatography (HPLC)	IEC 62321-6:2015
Cr(VI)	Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611 Ultraviolet Spectrometry (UV-Vis)	IEC 62321-7-1:2015
Pb, Br Localization	Spectro Midex M (M1 – Inv. No. 1150728 M2 – Inv. No. 1150284) Bruker M4 Tornado Inv. No. 1150719 Energy-Dispersive X-Ray Fluorescence (EDXRF)	IEC 62321-1:2013 IEC 62321-2:2021
REACH SVHC / Annex XIV / Annex XVII Substances Headspace screening	ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (HS-GC2, Inv. No. 5211104)	VUP Guide: Screening Products for SVHC according to the REACH Regulation
REACH SVHC / Annex XIV / Annex XVII Substances screening	ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (GC-5, Inv. No. 5211095) ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (GC-4, Inv. No. 5211053)	VUP Guide: Screening Products for SVHC according to the REACH Regulation
Phthalates	ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (GC-5, Inv. No. 5211095) ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (GC-4, Inv. No. 5211053)	IEC 62321-8:2017
PAH	ThermoFisher SCIENTIFIC GC-MSD TRACE1300 and ISQ7000 (GC-5, Inv. No. 5211095) ThermoFisher SCIENTIFIC GC-MSD 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 wood products as a preservative [3]	For indicator element As see chapter 3 [1)]
Bisphenol-A [4]	**detected** see chapter 5
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in “portable” batteries	n.a. (no batteries)
Chromium (VI) compounds	n.d. see chapter 3
Chromium (VI) compounds in leather and textiles	n.a. (no leather and textiles)
Cobalt Dichloride	For indicator element Co see chapter 3 [1)]
Creosotes	For indicator substances (Anthracene, Benzo[a]pyrene etc.) see chapter 5
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	n.d. see chapter 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 and chapter 3
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	**detected** see chapter 3 [2)]
Nonylphenol ethoxylate [7]	n.d. see chapter 5
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 5

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

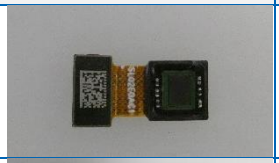
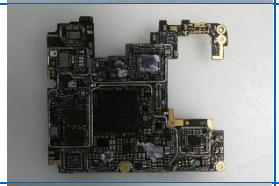
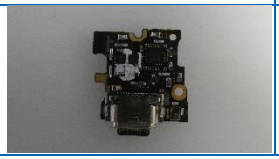
[1] Substance may not be intentionally added.
[2] The concentration basis is based on the weight of the external cable jacket not including any conductors, sheathed conductors or ground jackets.
[3] Banned in packaging and as a fumigation technique for wood pallets and other wood packaging (includes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

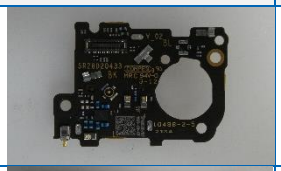
Following materials of concern according to Motorola 12G02897W18 rev. E were identified that exceed the thresholds according to Appendix C Section 5 for controlled and banned substances.

2.2 Items that only use Homogeneous Materials

None

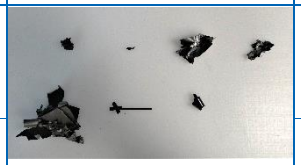
2.3 Non Homogeneous items that require attention on the sub item level

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1)]	Does that rating make use of an Exemption	Sub Item level acceptance rating
FB2316-07	21-313 Smart Phone XT2201-1, Backside camera 3, Flex		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FB2317-11	21-313 Smart Phone XT2201-1, Main PWB		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FB2318-19	21-313 Smart Phone XT2201-1, Battery, Flex		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FB2324-08	21-313 Smart Phone XT2201-1, SUB PWB 1		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**

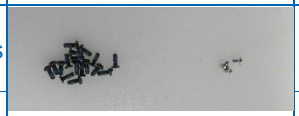
Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1)]	Does that rating make use of an Exemption	Sub Item level acceptance rating
FB2325-00	21-313 Smart Phone XT2201-1, SUB PWB 2		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
FB2332-05	21-313 Smart Phone XT2201-1, Display LED flex		PWB (100%)[2)]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**

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

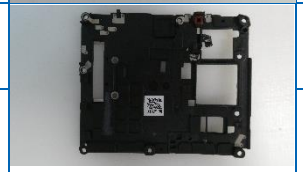
3 Material Assay Screening Results

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2301-00	21-313 Smart Phone XT2201-1, SIM Card holder		0.312	0.16%				
FB2301-01	21-313 Smart Phone XT2201-1, SIM Card holder, Plastic mold				66.03%	PC	Main: Al S; Other: Si P Cl K Ca Ti Cr Mn Fe Co Ni Zn; Trace: V Cu Ga Pb.	Reportable: Al P Cr Fe Co; Controlled: Ni.
FB2301-02**	21-313 Smart Phone XT2201-1, SIM Card holder, Metal plate				30.13%		Main: Al S Mn Ni; Other: Si P Ca Ti V Cr Fe Co Cu Zn Ga; Trace: Zr Sn Hf Pb.	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.
FB2301-03	21-313 Smart Phone XT2201-1, SIM Card holder, Label				0.64%	PET 80% Acrylic 20%	Main: Al S; Other: Si P Cl K Ca Ti Cr Mn Fe Co Ni Zn; Trace: V Cu Ga Pb.	Reportable: Al P Cr Fe Co; Controlled: Ni.
FB2301-04	21-313 Smart Phone XT2201-1, SIM Card holder, Black rubber seal ring				3.21%	Silicone	Main: Al S; Other: Si P Cl K Ca Ti Cr Mn Fe Co Ni Zn; Trace: V Cu Ga Pb.	Reportable: Al Si P Cr Fe Co; Controlled: Ni.
FB2302-00	21-313 Smart Phone XT2201-1, Black glue 1+2, Black glue foil 1-3, Black glue strip 1+2		1.807	0.93%				
FB2302-01	21-313 Smart Phone XT2201-1, Black glue 1				7.64%	Acrylic	Main: Al S; Other: Si P Cl K Ca Ti Cr Mn Fe Co Ni Zn; Trace: V Cu Ga Pb.	Reportable: Al P Cr Fe Co; Controlled: Ni.
FB2302-02	21-313 Smart Phone XT2201-1, Black glue 2				0.55%	Acrylic	Main: Al Si; Other: P S Cl K Ca Ni Cu Zn; Trace: Ti V Cr Mn Fe.	Reportable: Al Si Zn;
FB2302-03	21-313 Smart Phone XT2201-1, Black glue foil 1				16.16%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti Fe; Trace: V Cr Mn Ni Cu Zn Sb.	Reportable: Al Si Fe;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2302-04	21-313 Smart Phone XT2201-1, Black glue foil 2				2.88%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Fe Ni Cu Zn; Trace: Ti V Cr Mn Nb Ce.	Reportable: Al Si Fe Cu;
FB2302-05	21-313 Smart Phone XT2201-1, Black glue foil 3				68.23%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca; Trace: K Ti V Cr Fe Ni Cu Zn.	Reportable: Al Si;
FB2302-06	21-313 Smart Phone XT2201-1, Black glue strip 1				2.77%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Zn; Trace: Ti V Cr Mn Fe Ni Sb La Ce.	Reportable: Al Si;
FB2302-07	21-313 Smart Phone XT2201-1, Black glue strip 2				1.77%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si;
FB2303-00	21-313 Smart Phone XT2201-1, Label 1-3, Thermal paste, Humidity indicator, Clear plastic strip, Clear glue strip, White glue strip		0.471	0.24%				
FB2303-01	21-313 Smart Phone XT2201-1, Label 1				0.85%	Paper 80% Acrylic 20%	Main: Al Si S Ca; Other: P Cl K Ti Fe; Trace: Cr Mn Ni.	Reportable: Al Si Fe;
FB2303-02	21-313 Smart Phone XT2201-1, Label 2				0.64%	Paper 80% Acrylic 20%	Main: Al Si S Ca; Other: P Cl K Ti Fe; Trace: Cr Mn Ni.	Reportable: Al Si Fe;
FB2303-03	21-313 Smart Phone XT2201-1, Label 3				0.42%	PET 80% Acrylic 20%	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni Zn Br Zr Mo.	Reportable: Al Si Fe;
FB2303-04	21-313 Smart Phone XT2201-1, Thermal paste				57.54%	Silicone	Main: Al Si S Ti; Other: P Cl K Ca Zn; Trace: Cr Mn Fe Ni Cu.	Reportable: Al Si;
FB2303-05	21-313 Smart Phone XT2201-1, Humidity indicator				0.21%	Paper 80% Acrylic 20%	Main: Al Si Zn; Other: P Cl Ca Fe; Trace: S K Ti V Cr Ga Hf.	Reportable: Al Si P Fe 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)]
FB2303-06	21-313 Smart Phone XT2201-1, Clear glue strip 1				10.40%	PET 80% Acrylic 20%	Main: Al Si S Ca; Other: P Cl K Ti Ni; Trace: Mn Fe Cu Zn Zr Nb Mo Ag Sn Sb Cs.	Reportable: Al Si;
FB2303-07	21-313 Smart Phone XT2201-1, Clear glue strip 2				14.86%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si P;
FB2303-08	21-313 Smart Phone XT2201-1, White glue strip				15.07%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Zn; Trace: Ti V Cr Mn Fe Ni Cu Mo Sb.	Reportable: Al Si Zn;
FB2304-00	21-313 Smart Phone XT2201-1, Backside cover		16.996	8.73%		Glass 90% PET 10%	Main: Si Ti; Other: Al P S Cl K Ca V Fe Cu Zn Ba; Trace: Cr Mn Ni Sr Nb Sb Au.	Reportable: Al Si Fe Zn Ba;
FB2305-00	21-313 Smart Phone XT2201-1, Camera frame		1.418	0.73%				
FB2305-01	21-313 Smart Phone XT2201-1, Camera frame				89.77%	PC	Other: Al Si S Cl Ba; Trace: P K Ca Fe Ni Nb.	Reportable: Al Ba;
FB2305-02	21-313 Smart Phone XT2201-1, Camera frame, Black glue				5.29%	Acrylic	Main: Si; Other: Al P S Cl K Ca Ti Fe Zn; Trace: Cr Mn Ni Cu.	Reportable: Al Si Fe Zn;
FB2305-03	21-313 Smart Phone XT2201-1, Camera frame, Light guide				4.94%	PMMA	Other: Al Si S; Trace: P Cl K Ca Ti V Cr Mn Fe Ni.	Reportable: Al;
FB2306-00	21-313 Smart Phone XT2201-1, Black screws 1-3, Silver screws 1+2		0.860	0.44%				
FB2306-01**	21-313 Smart Phone XT2201-1, Black screws 1-3				90.81%		Main: Al S Ca Fe Zn; Other: Si P Ti Cr Mn Co Ni Cu; Trace: V Ga Ge.	Reportable: Al Cr Fe Co Cu Zn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2306-02	21-313 Smart Phone XT2201-1, Silver screws 1+2				9.19%		Main: S Fe Ni; Other: Al Si P Ca Mn Co Cu Zn Ge; Trace: Ti V Cr Ga Mo Sn.	Reportable: Al Fe Co Cu Zn; Controlled: Ni.
FB2307-00	21-313 Smart Phone XT2201-1, Antenna flex		0.586	0.30%			Main: Fe Ni Cu Zn; Other: Al Si P S Cl K Ca Mn Co Sr Zr Ba Bi; Trace: Cr Ga Y Nb Mo.	Reportable: Al Si P Fe Co Cu Zn Ba Bi; Controlled: Ni.
FB2308-00	21-313 Smart Phone XT2201-1, NFC foil		2.642	1.36%				
FB2308-01	21-313 Smart Phone XT2201-1, NFC foil, Label				0.30%	PP 80% Acrylic 20%	Main: Si S Ca; Other: Al P Cl K Ti Zn; Trace: Cr Mn Fe Ni Cu.	Reportable: Al Si;
FB2308-02	21-313 Smart Phone XT2201-1, NFC foil				99.70%		Main: Si Fe Cu Nb; Other: Al P S Cl K Ca Ti Cr Mn; Trace: Ni Sr Y Mo Sn W Au Bi.	Reportable: Al Si P Cr Fe Cu;
FB2309-00	21-313 Smart Phone XT2201-1, Camera lens housing		3.457	1.78%				
FB2309-01**	21-313 Smart Phone XT2201-1, Camera lens housing				84.47%		Main: Al Si S; Other: P Ca Ti V Cr Fe Ni Zn Ga; Trace: Mn Cu.	Reportable: Al Cr Fe; Controlled: Ni.
FB2309-02	21-313 Smart Phone XT2201-1, Camera lens housing, Glass lenses				12.58%		Main: Al Si K; Other: Cl Ca Ti Sn; Trace: P Fe Ga Zr.	Reportable: Al Si Sn;
FB2309-03	21-313 Smart Phone XT2201-1, Camera lens housing, Black shock pads				0.84%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Zn.	Reportable: Al Si;
FB2309-04	21-313 Smart Phone XT2201-1, Camera lens housing, Black glue				2.05%	PEVA	Main: Al; Other: Si S Cl K Ca Ti Fe Zn; Trace: P V Cr Mn Ni Cu W.	Reportable: Al Si Fe Zn;

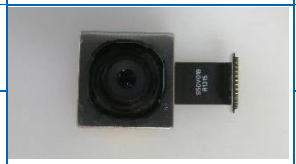
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2309-05	21-313 Smart Phone XT2201-1, Camera lens housing, Black net				0.06%	PE 40% PET 40% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti Zn; Trace: Cr Mn Fe Ni.	Reportable: Al Si Zn;
FB2310-00	21-313 Smart Phone XT2201-1, Flashlight PWB		0.223	0.11%			Main: Si P Ti Cr Fe Ni Cu; Other: Al S Cl K Ca Mn Co Zn Y Zr Mo Ag Sn Ce Au Bi; Trace: Ge Se Sr I Cs Ba La Tl.	Reportable: Al Si P Cr Fe Co Cu Y Ag Sn Ce Au Bi; Controlled: Ni.
FB2311-00	21-313 Smart Phone XT2201-1, Black plastic cover 1		4.983	2.56%				
FB2311-01	21-313 Smart Phone XT2201-1, Black plastic cover 1				94.74%	PC	Main: Si P Cr Cu; Other: Al Ca Mn Fe Zn Mo; Trace: S Cl K Ti Ni Zr W.	Reportable: Al Si P Cr Fe Cu Zn;
FB2311-02	21-313 Smart Phone XT2201-1, Black plastic cover 1, Metal frame				2.53%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu W; Trace: Ca Ti Ga Ge Mo.	Reportable: Al Cr Fe Co W; Controlled: Ni.
FB2311-03	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pad 1				0.30%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P K Ca Cr; Trace: Ti V Mn Fe Ni Cu Zn Sb.	Reportable: Al Si Cr;
FB2311-04	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pads 2				0.28%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si;
FB2311-05	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pads 3				1.71%	PUR 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Cr Mn Cu; Trace: Fe Ni Zn Sb Ba La Ce.	Reportable: Al Si Cr;
FB2311-06	21-313 Smart Phone XT2201-1, Black plastic cover 1, Red rubber pad				0.04%	Silicone	Main: Si S; Other: Al P Cl Ca; Trace: K Ti V Cr Mn Ni Zn.	Reportable: Al Si;
FB2311-07	21-313 Smart Phone XT2201-1, Black plastic cover 1, Red rubber pad, Black glue strip				0.02%	PET 80% Acrylic 20%	Main: Si S; Other: Al P Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu Mo.	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)]
FB2311-08	21-313 Smart Phone XT2201-1, Black plastic cover 1, Yellow rubber pad				0.04%	Silicone	Main: Si; Other: Al P S Cl; Trace: K Ca Ti Ni Zn.	Reportable: Al Si;
FB2311-09	21-313 Smart Phone XT2201-1, Black plastic cover 1, Yellow rubber pad, Black net				0.02%	PET 80% Acrylic 20%	Main: Si; Other: Al S Cl K Ti; Trace: P Ca Cr Mn Fe Ni Cu Nb Mo Sn Sb.	Reportable: Al Si;
FB2311-10	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black glue foil				0.22%	PET 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si;
FB2311-11	21-313 Smart Phone XT2201-1, Black plastic cover 1, Label				0.10%	PET 80% Acrylic 20%	Main: Si Ti; Other: Al P S Cl K Ca V; Trace: Cr Mn Fe Ni Cu Zn Zr Nb Mo Sb.	Reportable: Al Si P;
FB2312-00	21-313 Smart Phone XT2201-1, White connection cable 1		0.063	0.03%				
FB2312-01	21-313 Smart Phone XT2201-1, White connection cable 1, White outer cable jacket				7.94%	PTFE	Other: Al Si P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni.	Reportable: Al Si;
FB2312-02	21-313 Smart Phone XT2201-1, White connection cable 1, Silver wire 1				17.46%		Main: Al Si S Cu Sn; Other: P Ca Ti V Cr Mn Fe Ni Zn Ga Ge Zr Nb Mo Tl; Trace: Br.	Reportable: Al Cr Fe Cu Zn Sn Tl; Controlled: Ni.
FB2312-03	21-313 Smart Phone XT2201-1, White connection cable 1, White inner cable jacket				9.52%	PTFE	Main: S; Other: Al Si P Cl Ca Ti Cu Ag; Trace: K V Cr Mn Ni Mo Hf.	Reportable: Al Si Cu Ag;
FB2312-04	21-313 Smart Phone XT2201-1, White connection cable 1, Silver wire 2				11.11%		Main: Si S Cu Ag; Other: Al P Ca Ti Ni Zn Ga Ge Ta Tl; Trace: V Cr Mn Nb Mo.	Reportable: Al Cu Ag Ta Tl; Controlled: Ni.
FB2312-05	21-313 Smart Phone XT2201-1, White connection cable 1, Golden contact housing				50.79%		Main: Si S Ni Cu Sn Au; Other: Al P Ca Ti Ge Ag; Trace: V Cr Mn Co Ga Bi.	Reportable: Al Co Cu Ag Sn Au; Controlled: Ni.

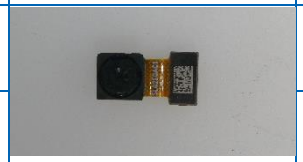
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2312-06	21-313 Smart Phone XT2201-1, White connection cable 1, Black plastic inlay				1.59%	PP	Main: S Ca; Other: Al Si P Cl K Ti Fe; Trace: V Cr Mn Ni Cu Zr Mo.	Reportable: Al Si Fe;
FB2312-07	21-313 Smart Phone XT2201-1, White connection cable 1, Golden contacts				1.59%		Main: Al Si S Ni Cu Zn Sn Au; Other: P Ca Ti V Cr Mn Fe Ga Ge Zr Nb Mo;	Reportable: Al Cr Fe Cu Zn Sn Au; Controlled: Ni.
FB2313-00	21-313 Smart Phone XT2201-1, Front camera		0.326	0.17%				
FB2313-01	21-313 Smart Phone XT2201-1, Front camera, Black plastic frame				16.56%	PA	Main: Si S Ca Ti; Other: Al P Cl K Fe Cu Zn Ba; Trace: V Cr Mn Ni Sr Zr Nb.	Reportable: Al Si Fe Cu Zn Ba;
FB2313-02	21-313 Smart Phone XT2201-1, Front camera, Green glass				6.75%		Main: S; Other: Al Si P Cl K Ca Ti Cu Zn Ba; Trace: Cr Fe Ni Sr Nb Mo I.	Reportable: Al Si P Cu Zn Ba;
FB2313-03	21-313 Smart Phone XT2201-1, Front camera, Black plastic housing				20.86%	PC	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Ni Cu.	Reportable: Al Si;
FB2313-04	21-313 Smart Phone XT2201-1, Front camera, Copper glue strip				0.61%	Metal 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Ca Ti Zn Tl; Trace: V Cr Fe Co Ga Ge Br Sn Bi.	Reportable: Al Co Cu Zn Tl; Controlled: Ni.
FB2313-05	21-313 Smart Phone XT2201-1, Front camera, Metallic shock pad				0.31%	PET 70% PUR 30%	Main: S; Other: Al Si P Cl K Ca Ni Cu; Trace: Ti V Cr Mn Fe.	Reportable: Al Si Cu; Controlled: Ni.
FB2313-06	21-313 Smart Phone XT2201-1, Front camera, Clear plastic lenses				11.96%	PMMA	Main: Si S; Other: Al P Cl Ti; Trace: K Ca Cr Mn Fe Ni Mo.	Reportable: Al Si;
FB2313-07	21-313 Smart Phone XT2201-1, Front camera, Black plastic rings				1.53%	PC	Other: Al Si P S Cl K Ca; Trace: Ti V Cr Mn Fe Ni.	Reportable: Al Si;

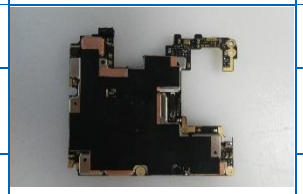
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2313-08	21-313 Smart Phone XT2201-1, Front camera, Black foil rings				0.31%	PET	Main: Si; Other: Al P S Cl K Ca Ti Cr; Trace: V Mn Ni.	Reportable: Al Si Cr;
FB2313-09	21-313 Smart Phone XT2201-1, Front camera, Flex				41.10%		Main: Al Si P S Ni Cu; Other: Cl K Ca Ti Co Zn Sr Zr Pd Ag Sn I Ba Au; Trace: Ga Ge Y Nb In Cs La Ce Pb.	Reportable: Al Si P Co Cu Pd Ag Sn Ba Au; Controlled: Ni.
FB2314-00	21-313 Smart Phone XT2201-1, Backside camera 1		1.105	0.57%				
FB2314-01	21-313 Smart Phone XT2201-1, Backside camera 1, Copper glue strip				2.62%	Metal 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Ca Ti Zn; Trace: V Cr Ga Ge Br Bi.	Reportable: Al Cu Zn; Controlled: Ni.
FB2314-02	21-313 Smart Phone XT2201-1, Backside camera 1, Metal cover				23.80%		Main: Si P S Cr Fe Ni; Other: Al Ca Mn Co Cu Ga Ge Mo; Trace: Ti V Zn Nb Sn.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
FB2314-03	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 1				6.06%	PA	Main: Si P S Ca Ti; Other: Al Cl K Mn Fe Cu Zn Ba; Trace: V Cr Ni Sr Zr Nb.	Reportable: Al Si P Fe Cu Zn Ba;
FB2314-04	21-313 Smart Phone XT2201-1, Backside camera 1, Green glass				2.62%		Main: Al Si P Ca Ti Zn Ba; Other: S Cl K Fe Cu; Trace: Mn Ni Sr Nb Mo I.	Reportable: Al Si P Fe Cu Zn Ba;
FB2314-05	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic housing				9.32%	PC	Main: Si; Other: Al S Cl K Ni; Trace: Ca Ti Cr Mn Fe Cu Zn.	Reportable: Al Si;
FB2314-06	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 2				9.95%	Polyester GF	Main: Si S Ca Ba; Other: Al P Cl K Fe Ni Sr; Trace: Ti Cu Zn Rb Sn I Cs La Ce.	Reportable: Al Si P Fe Ba; Controlled: Ni.
FB2314-07	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 3				5.52%	Polyester GF	Main: Al Si P S Ca; Other: Cl K Ti Fe Ni Cu Sr Sn Ba; Trace: V Mn Rb Ag Au.	Reportable: Al Si P Fe Cu Sn Ba; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2314-08	21-313 Smart Phone XT2201-1, Backside camera 1, Metal frame 1				1.00%		Main: Si S Ni Cu Sn; Other: Al P Ca Ti V Cr Ga Ag Ta Au; Trace: Mn Co Ge Mo.	Reportable: Al Cr Co Cu Ag Sn Ta Au; Controlled: Ni.
FB2314-09	21-313 Smart Phone XT2201-1, Backside camera 1, Contact foils				0.27%		Main: Si S Ti Cu; Other: Al P Ca Cr Ni Zn Ga Ge Ta Tl; Trace: V Mn Br Nb Mo Sn.	Reportable: Al Cr Cu Ta Tl; Controlled: Ni.
FB2314-10	21-313 Smart Phone XT2201-1, Backside camera 1, Copper wire				1.00%		Main: S Cu; Other: Al Si P Ca Ni Zn; Trace: Ti V Cr Co Ga Ge Br Sn Bi.	Reportable: Al Co Cu Zn; Controlled: Ni.
FB2314-11	21-313 Smart Phone XT2201-1, Backside camera 1, Magnets				6.79%		Main: Al Si P S Ca Fe Ni Cu; Other: Ti V Cr Mn Co Zn Ga Ge Br Zr Nb Mo Sn Sb W Bi;	Reportable: Al Cr Fe Co Cu Zn Sn Sb W Bi; Controlled: Ni.
FB2314-12	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic mold				1.63%	Polyester GF	Main: Al Si P S Ca; Other: K Ti Fe Sr Ba; Trace: Cl Mn Ni Cu Zn Rb Nb Mo.	Reportable: Al Si P Fe Ba;
FB2314-13	21-313 Smart Phone XT2201-1, Backside camera 1, Metal frame 2				0.18%		Main: Al Si P S Ca Ti Cu; Other: V Cr Mn Fe Ni Zn Ga Ge Zr Nb Mo Sn; Trace: Tl.	Reportable: Al Cr Fe Cu Zn; Controlled: Ni.
FB2314-14	21-313 Smart Phone XT2201-1, Backside camera 1, Clear plastic lenses				9.77%	PMMA	Main: Si; Other: Al S Cl K Ti; Trace: P Ca Cr Mn Fe Ni Cs Ba La Ce.	Reportable: Al Si;
FB2314-15	21-313 Smart Phone XT2201-1, Backside camera 1, Foil rings				0.09%	PET	Main: Si S; Other: Al P Cl K Ca Ti; Trace: V Cr Mn Fe Ni Zn.	Reportable: Al Si;
FB2314-16	21-313 Smart Phone XT2201-1, Backside camera 1, Flex 1				0.90%		Main: Al Si P S Cu; Other: Cl K Ca Co Ni Zr Ag Sn Ba; Trace: Ti Cr Sr Nb Mo La.	Reportable: Al Si P Co Cu Ag Sn Ba; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2314-17	21-313 Smart Phone XT2201-1, Backside camera 1, Flex 2				18.46%		Main: Si S Ni Cu Au; Other: Al P Cl K Ca Ti Ge Sr Zr Pd Sn Ba; Trace: Co Y Nb Ag In I Pb.	Reportable: Al Si P Co Cu Pd Sn Ba Au; Controlled: Ni.
FB2315-00	21-313 Smart Phone XT2201-1, Backside camera 2		2.348	1.21%				
FB2315-01	21-313 Smart Phone XT2201-1, Backside camera 2, Copper glue strip				2.43%	Metal 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Ca Ti Zn Tl; Trace: Cr Ga Ge Br Bi.	Reportable: Al Cu Zn Tl; Controlled: Ni.
FB2315-02	21-313 Smart Phone XT2201-1, Backside camera 2, Metal cover				14.35%		Main: Cr Mn Fe Ni Mo; Other: Al Si P Ca V Co Cu W; Trace: Ti Ga Ge Sn.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FB2315-03	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 1				5.58%	Polyester GF	Main: Al Si K Fe; Other: P S Cl Ca Ti Mn Rb; Trace: V Cr Ni Cu Zn Ga Nb Sn Ba W.	Reportable: Al Si Fe Rb;
FB2315-04	21-313 Smart Phone XT2201-1, Backside camera 2, Metal frame 1				2.77%		Main: S Cr Fe Ni; Other: Al Si P Ca V Mn Co Cu Mo Sn W; Trace: Ti Ga Ge Nb.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FB2315-05	21-313 Smart Phone XT2201-1, Backside camera 2, Green glass				1.45%		Main: Al Si P Ca Ti Cu Zn Ba; Other: S Cl K; Trace: Ni Sr I Ce.	Reportable: Al Si P Cu Zn Ba;
FB2315-06	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic mold 1				0.98%	PC	Main: Al Si P K Ca Ti; Other: S Cl Cr Mn Fe Ni Cu Zn Ba; Trace: V Rb Sr Zr Nb Mo Sn.	Reportable: Al Si P Cr Fe Cu Zn Ba;
FB2315-07	21-313 Smart Phone XT2201-1, Backside camera 2, Metal frame 2				2.81%		Main: Si Cr Fe Ni; Other: Al P S Ca Ti V Mn Co Cu Mo Sn W; Trace: Ga Ge.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FB2315-08	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 2				3.28%	Polyester GF	Main: Al Si Ca; Other: P S Cl K Ti Fe Sr; Trace: V Cr Mn Ni Zn Zr Ba.	Reportable: Al Si Fe;

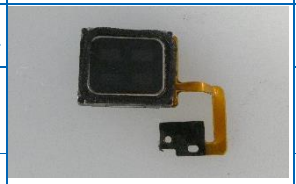
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2315-09	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 3				3.62%	Polyester GF	Main: Al Si K; Other: P S Cl Ca Ti Mn Fe Rb; Trace: V Cr Ni Zn Ga Nb Sn Ba W.	Reportable: Al Si Fe Rb;
FB2315-10	21-313 Smart Phone XT2201-1, Backside camera 2, White balls				0.04%		Main: S; Other: Al Si Cl K Ca Y Zr; Trace: Ti V Cr Mn Mo Hf.	Reportable: Al Si Y;
FB2315-11	21-313 Smart Phone XT2201-1, Backside camera 2, Yellow balls				0.04%		Main: S; Other: Al Si P Cl Ca Y Zr Ce; Trace: K Ti V Cr Mn Ni Mo Hf.	Reportable: Al Si Y Ce;
FB2315-12	21-313 Smart Phone XT2201-1, Backside camera 2, Gray balls				0.04%		Main: S Zr; Other: Al Si Cl Ca Y Hf; Trace: K Ti V Cr Mn Fe Ni Cu Nb Mo.	Reportable: Al Si Y;
FB2315-13	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic housing				7.20%	PC	Other: Al Si S; Trace: P K Ca Ti Ni.	Reportable: Al;
FB2315-14	21-313 Smart Phone XT2201-1, Backside camera 2, Copper wire				1.92%		Main: Si S Cu; Other: Al P Ca Ti Ni Zn Tl; Trace: Cr Mn Ga Ge W Bi.	Reportable: Al Cu Tl;
FB2315-15	21-313 Smart Phone XT2201-1, Backside camera 2, Magnets 1				4.77%		Main: Al Si Fe Ni Cu; Other: P S Ca Ti V Cr Co Zn Ga Ge Zr Nb Mo Sn Sb Ta W Tl; Trace: Mn Br.	Reportable: Al Cr Fe Co Cu Zn Sn Sb Ta W Tl; Controlled: Ni.
FB2315-16	21-313 Smart Phone XT2201-1, Backside camera 2, Metal plate				0.68%		Main: S Cr Fe; Other: Al Si P Ca Ti V Mn Co Ni; Trace: Cu Zn Ga Ge Nb Mo Sn Pb.	Reportable: Al Cr Fe Co; Controlled: Ni.
FB2315-17	21-313 Smart Phone XT2201-1, Backside camera 2, Magent 2				4.13%		Main: Al Si Fe Ni Cu; Other: P S Ca Ti V Cr Co Zn Ga Ge Zr Nb Mo Sn Ta W Tl; Trace: Mn.	Reportable: Al Cr Fe Co Cu Zn Ta W Tl; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2315-18	21-313 Smart Phone XT2201-1, Backside camera 2, Metal frame 3				0.89%		Main: Si S Cr Fe; Other: Al P Ca Ti V Mn Ni Cu Ga Ge Mo; Trace: Zn Zr Nb Sn.	Reportable: Al Cr Fe Cu; Controlled: Ni.
FB2315-19	21-313 Smart Phone XT2201-1, Backside camera 2, Clear plastic lenses				5.71%	PMMA	Main: Si Ti; Other: Al S Cl K; Trace: P Ca Cr Mn Ni Ba La Ce.	Reportable: Al Si;
FB2315-20	21-313 Smart Phone XT2201-1, Backside camera 2, Foil rings				0.04%	PET	Main: Si S; Other: Al P Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu.	Reportable: Al Si;
FB2315-21**	21-313 Smart Phone XT2201-1, Backside camera 2, Black metal ring				1.87%		Main: S Cu Zn; Other: Al Si P Ca Ti Cr Fe Ni Ga Ge Ta W Bi; Trace: V Mn Br Sn.	Reportable: Al Cr Fe Cu Zn Ta W Bi; Controlled: Ni.
FB2315-22	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic ring				0.34%	PC	Main: S; Other: Al Si P Cl K Ca; Trace: Ti V Cr Mn Fe Ni Cu.	Reportable: Al Si;
FB2315-23	21-313 Smart Phone XT2201-1, Backside camera 2, Flex 1				5.11%		Main: Si P S Cu; Other: Al Cl K Ca Fe Ni Ag Sn La Au; Trace: Ti Cr Zn Ge Zr Nb Mo Cs Ba.	Reportable: Al Si P Fe Cu Ag Sn La Au; Controlled: Ni.
FB2315-24	21-313 Smart Phone XT2201-1, Backside camera 2, Flex 2				29.94%		Main: Cr Mn Fe Ni Mo; Other: Al Si P K Ca V Co Cu Sn Ba; Trace: Cl Ti Zn Ge Rb Y Rh Ag I Pb Bi.	Reportable: Al P Cr Fe Co Cu Ba; Controlled: Ni.
FB2316-00	21-313 Smart Phone XT2201-1, Backside camera 3		0.247	0.13%				
FB2316-01	21-313 Smart Phone XT2201-1, Backside camera 3, Black plastic frame 1				23.89%	Polyester GF	Main: Si S Ca; Other: Al P Cl K Fe Ba; Trace: Cr Mn Ni Zn Sr.	Reportable: Al Si Fe Ba;
FB2316-02	21-313 Smart Phone XT2201-1, Backside camera 3, Green glass				2.02%		Main: Si S K Ti Zn; Other: Al P Cl Ca; Trace: Cr Mn Fe Ni Rb Zr.	Reportable: Al Si Zn;

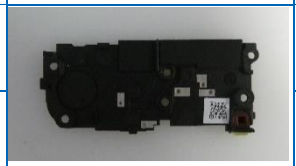
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2316-03	21-313 Smart Phone XT2201-1, Backside camera 3, Black plastic frame 2				6.07%	PC	Main: Si; Other: Al P S Cl K Ca Ti; Trace: V Cr Mn Ni Zn.	Reportable: Al Si;
FB2316-04	21-313 Smart Phone XT2201-1, Backside camera 3, Clear plastic lenses				3.64%	Polyolefine	Main: Si S; Other: Al P Cl K Ti; Trace: Ca Cr Mn Fe Ni Mo.	Reportable: Al Si;
FB2316-05	21-313 Smart Phone XT2201-1, Backside camera 3, Foil rings				0.40%	PET	Main: S; Other: Al Si P Cl K Ca; Trace: Ti V Cr Mn Fe Ni Mo.	Reportable: Al Si;
FB2316-06	21-313 Smart Phone XT2201-1, Backside camera 3, Plastic ring				3.24%	PC	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Fe Ni.	Reportable: Al Si;
FB2316-07	21-313 Smart Phone XT2201-1, Backside camera 3, Flex				60.73%		Main: Cr Fe Ni; Other: Al Si S Cl K Ca V Mn Co Cu Mo Ag Sn I Ba Hf; Trace: Zr Sb. See x, y – Scan (Chapter 4)	Reportable: Al Cr Fe Co Cu Ag Sn Ba; **Controlled**: Ni **Pb**
FB2317-00	21-313 Smart Phone XT2201-1, Main PWB		17.188	8.83%				
FB2317-01	21-313 Smart Phone XT2201-1, Main PWB, Metal shielding 1				7.54%		Main: Al Si Ni Cu Zn; Other: P S Ca Cr Mn Fe W; Trace: Ti Co Ge Sn Bi.	Reportable: Al Cr Fe Co Cu Zn W; Controlled: Ni.
FB2317-02	21-313 Smart Phone XT2201-1, Main PWB, Metal shielding 2				11.04%		Main: Al Si Ni Cu Zn; Other: P S Mn Fe Sn W; Trace: Ca Ti Co Ge.	Reportable: Al Fe Co Cu Zn W; Controlled: Ni.
FB2317-03	21-313 Smart Phone XT2201-1, Main PWB, Metal shielding 3				7.20%		Main: Al Si Ni Cu Zn; Other: P S Ca Mn Fe Sn W; Trace: Ti V Co Ge Br.	Reportable: Al Fe Co Cu Zn W; Controlled: Ni.
FB2317-04	21-313 Smart Phone XT2201-1, Main PWB, Metal shielding 4				1.69%		Main: Si Ni Cu Zn; Other: Al P S Ca Cr Mn Fe Sn W; Trace: Ti Co Ga Ge Ag.	Reportable: Al Cr Fe Co Cu Zn Sn W; Controlled: Ni.
FB2317-05	21-313 Smart Phone XT2201-1, Main PWB, Copper glue strip 1				0.94%	Metal 80% Acrylic 20%	Main: Al Si Ni Cu; Other: S Ti Zn; Trace: P Ca Cr Ga Ge.	Reportable: Al 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)]
FB2317-06	21-313 Smart Phone XT2201-1, Main PWB, Copper glue strip 2				0.85%	Metal 80% Acrylic 20%	Main: Al Si Cu; Other: S Ni Zn W; Trace: P Ca Ti Mn Ga Ge Br Bi.	Reportable: Al Cu Zn W;
FB2317-07	21-313 Smart Phone XT2201-1, Main PWB, Thermal paste				0.63%	Silicone	Main: Al Si Zn; Other: P Ca Fe; Trace: Cl K Ti V Cr Ni Ga Sn Hf.	Reportable: Al Si P Fe Zn;
FB2317-08	21-313 Smart Phone XT2201-1, Main PWB, Black glue foil				1.36%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S K Ca Ti Zn; Trace: Cl Cr Ga Y Zr Nb Sb Cs Ba La Ce.	Reportable: Al Si Cu Zn; Controlled: Ni.
FB2317-09	21-313 Smart Phone XT2201-1, Main PWB, Black rubber cover				0.13%	Silicone	Main: Al Si S; Other: P Cl Ca Zn; Trace: K Ti V Cr Mn Fe Ni.	Reportable: Al Si Zn;
FB2317-10	21-313 Smart Phone XT2201-1, Main PWB, Humidity indicator				0.01%	Paper 80% Acrylic 20%	Main: S; Other: Al Si P Cl K Ca Ti Cu Zn; Trace: V Cr Mn Ni Mo.	Reportable: Al Si Cu;
FB2317-11	21-313 Smart Phone XT2201-1, Main PWB				68.61%		See x, y – Scan (Chapter 4)	**Controlled**: **Pb**
FB2318-00	21-313 Smart Phone XT2201-1, Battery		65.717	33.76%				
FB2318-01	21-313 Smart Phone XT2201-1, Battery, Outer foil				3.15%	Metal 70% PP 15% PA 15%	Main: Al Fe; Other: Si P S Cl K Ca Ti V Cr Ga; Trace: Mn Co Ni Cu Zn.	Reportable: Al Cr Fe Co;
FB2318-02	21-313 Smart Phone XT2201-1, Battery, Black platsic cover				0.38%	PC	Main: P; Other: Al Si S Cl K Ca Ti; Trace: Cr Mn Co Ni Cu Ce.	Reportable: Al Si P Co;
FB2318-03	21-313 Smart Phone XT2201-1, Battery, Black glue strip 1				0.07%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Fe Co Cu Zn; Trace: V Cr Mn Ni.	Reportable: Al Si P Fe Co Zn;
FB2318-04	21-313 Smart Phone XT2201-1, Battery, Black glue strip 2				0.09%	Silicone 40% PET 40% Acrylic 20%	Main: Al Si; Other: S K Ca Fe; Trace: P Cl Ti Cr Mn Co Ni Cu Zn Sb.	Reportable: Al Si Fe Co;

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)]
FB2318-05	21-313 Smart Phone XT2201-1, Battery, Clear glue strip 1				0.15%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Co Cu Zn; Trace: Ti V Cr Mn Fe Ni Sb.	Reportable: Al Si Co Zn;
FB2318-06	21-313 Smart Phone XT2201-1, Battery, Clear glue strip 2				0.08%	PET 80% Acrylic 20%	Main: P S Co; Other: Al Si Cl K Ca Ti Fe Cu Zn; Trace: V Cr Mn Ga.	Reportable: Al Si P Fe Co Cu Zn;
FB2318-07	21-313 Smart Phone XT2201-1, Battery, White glue strip				0.03%	PET 80% Acrylic 20%	Main: S Ti; Other: Al Si P Cl K Ca V Co Cu Zn; Trace: Cr Mn Fe Ni Nb.	Reportable: Al Si Co Cu;
FB2318-08	21-313 Smart Phone XT2201-1, Battery, Paper glue strip				0.04%	Paper 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Ti Fe Co Bi; Trace: V Cr Mn Ni Cu Zn.	Reportable: Al Si Fe Co Bi;
FB2318-09	21-313 Smart Phone XT2201-1, Battery, Blue glue strips				0.09%	PET 80% SB 20%	Main: Si P S Co Cu; Other: Al Cl K Ca Fe; Trace: Ti V Cr Ni Zn.	Reportable: Al Si P Fe Co Cu;
FB2318-10	21-313 Smart Phone XT2201-1, Battery, Yellow glue strips				1.01%	PAI 80% Acrylic 20%	Main: Al P S Co; Other: Si Cl K Ca Ti Fe Ni Cu Zn; Trace: Cr Mn W.	Reportable: Al Si P Fe Co Cu Zn;
FB2318-11	21-313 Smart Phone XT2201-1, Battery, Green glue strips				0.08%	PET 80% Acrylic 20%	Main: Al P S Ti Co Ni; Other: Cl K Ca Cu Zn Ta W; Trace: Cr Mn Zr Sb La Ce Hf.	Reportable: Al P Co Cu Zn Ta W; Controlled: Ni.
FB2318-12	21-313 Smart Phone XT2201-1, Battery, Contact strip 1				0.28%		Main: Si Ni Cu; Other: Al P S Ca Ti Zn Bi; Trace: Mn Co Ga Ge Br.	Reportable: Al Co Cu Bi; Controlled: Ni.
FB2318-13	21-313 Smart Phone XT2201-1, Battery, Contact strip 2				0.07%		Main: Al; Other: Si P S Ca Ti Cr Fe Co; Trace: V Mn Ni Cu Zn Ga.	Reportable: Al Cr Fe Co;
FB2318-14	21-313 Smart Phone XT2201-1, Battery, Contact strip 3				0.25%		Main: Ni Cu; Other: Al Si P S Ca Ti Co Ta Tl; Trace: Cr Mn Fe Ga Ge.	Reportable: Al Co Cu Ta Tl; Controlled: Ni.
FB2318-15	21-313 Smart Phone XT2201-1, Battery, White foil				6.45%	PE	Main: Al P S; Other: Si K Ca Co Cu; Trace: Ti V Cr Mn Fe Ni.	Reportable: Al Si P Co Cu;

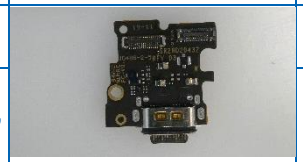
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2318-16	21-313 Smart Phone XT2201-1, Battery, Copper foil				10.14%		Main: P Cu; Other: Al Si S Co Ni Zn; Trace: Ca Ti Cr Ga Ge Br W Bi.	Reportable: Al Co Cu;
FB2318-17	21-313 Smart Phone XT2201-1, Battery, Silver foil				8.29%		Main: Al Co; Other: Si P S Ti Fe Ni Cu Zn; Trace: Ca V Ga.	Reportable: Al Fe Co Cu;
FB2318-18	21-313 Smart Phone XT2201-1, Battery, Carbon coating				67.26%		Main: Co Cu; Other: Al Si P S Zn; Trace: K Ca Ti V Cr Mn Ni Ge Y Nb Mo Sn Cs Ba.	Reportable: Al Si Co Cu;
FB2318-19	21-313 Smart Phone XT2201-1, Battery, Flex				2.08%		See x, y – Scan (Chapter 4)	**Controlled**: **Pb**
FB2319-00	21-313 Smart Phone XT2201-1, Top Speaker		1.024	0.53%				
FB2319-01	21-313 Smart Phone XT2201-1, Top Speaker, Metal frame 1				17.87%		Main: P Ni Cu; Other: Al Si S Ca Bi; Trace: Ti Cr Mn Co Ge Br.	Reportable: Al Co Cu Bi; Controlled: Ni.
FB2319-02	21-313 Smart Phone XT2201-1, Top Speaker, Metal frame 2				7.23%		Main: S Fe Ni; Other: Al Si P Ca Mn Co Cu Zn; Trace: Ti V Cr Ga Mo Sn Bi.	Reportable: Al Fe Co Zn; Controlled: Ni.
FB2319-03	21-313 Smart Phone XT2201-1, Top Speaker, Metal cover				20.21%		Main: P S Fe Ni; Other: Al Si Ca Mn Co Cu Zn; Trace: Ti V Cr Ga Ge Br Mo Bi.	Reportable: Al Fe Co Cu Zn; Controlled: Ni.
FB2319-04	21-313 Smart Phone XT2201-1, Top Speaker, Metal plate				6.74%		Main: P S Fe Ni; Other: Al Si Ca Mn Co Bi; Trace: Ti V Cr Zn Ga Mo.	Reportable: Al Fe Co Bi; Controlled: Ni.
FB2319-05**	21-313 Smart Phone XT2201-1, Top Speaker, Magnet 1				16.41%		Main: Al Si Fe Zn; Other: P S Ca Ti V Cr Mn Co Ni Cu Ga Ge Zr Nb W; Trace: Sn Sb.	Reportable: Al Cr Fe Co Cu Zn W;
FB2319-06	21-313 Smart Phone XT2201-1, Top Speaker, Membrane				0.68%	Metal 70% PPS/PC 20% Acrylic 10%	Main: Al; Other: Si Fe; Trace: P S K Ca Ti V Ni Cu Zn.	Reportable: Al Fe;

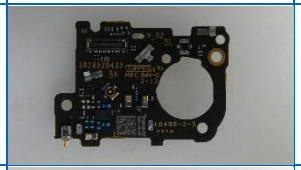
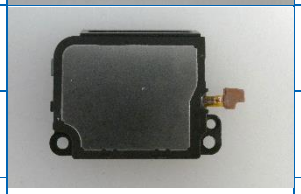
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2319-07**	21-313 Smart Phone XT2201-1, Top Speaker, Magnets 2				17.48%		Main: Al Si P S Ca Fe Zn; Other: Ti V Cr Mn Co Ni Cu Ga Ge Br Zr Nb Mo Sn W Tl Bi;	Reportable: Al Cr Fe Co Cu Zn Sn W Tl Bi; Controlled: Ni.
FB2319-08	21-313 Smart Phone XT2201-1, Top Speaker, Black plastic frame				4.30%	PA	Main: Al Si Ca; Other: P S Cl K Ti Fe Co; Trace: V Cr Mn Ni Cu Zn Sr Zr Sn.	Reportable: Al Si P Fe Co;
FB2319-09	21-313 Smart Phone XT2201-1, Top Speaker, Black shock pad 1				0.78%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Fe Ni Cu Zn; Trace: Ti V Cr Mn Co.	Reportable: Al Si Fe Co Zn;
FB2319-10	21-313 Smart Phone XT2201-1, Top Speaker, Blue glue				0.20%	PUR	Main: Si S; Other: Al P Cl K Ca; Trace: Ti V Cr Mn Fe Co Ni Cu Zn Sn.	Reportable: Al Si Co;
FB2319-11	21-313 Smart Phone XT2201-1, Top Speaker, Black nets				0.59%	PET 90% Acrylic 10%	Main: Al Si; Other: P S Cl K Ca Ti Ni Cu Zn; Trace: Cr Mn Fe.	Reportable: Al Si Cu Zn; Controlled: Ni.
FB2319-12	21-313 Smart Phone XT2201-1, Top Speaker, Black shock pad 2				1.76%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Ti Fe Ni Zn; Trace: V Cr Mn Cu.	Reportable: Al Si Fe; Controlled: Ni.
FB2319-13	21-313 Smart Phone XT2201-1, Top Speaker, Copper wire				2.34%		Main: Si Cu; Other: Al P S Ca Ti Ni Zn Ag Tl; Trace: V Cr Mn Co Ga Ge Mo.	Reportable: Al Co Cu Zn Ag Tl; Controlled: Ni.
FB2319-14	21-313 Smart Phone XT2201-1, Top Speaker, Flex 1				0.29%		Main: Al Si P S Cu; Other: Cl K Ca Co Ni; Trace: Ti V Cr Zn.	Reportable: Al Si P Co Cu; Controlled: .
FB2319-15	21-313 Smart Phone XT2201-1, Top Speaker, Flex 2				0.49%		Main: S Cu; Other: Al Si P Cl K Ca Co Ni Sn; Trace: Ti V Cr Mn Zn Nb Mo Ag W.	Reportable: Al Si P Co Cu 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)]
FB2319-16	21-313 Smart Phone XT2201-1, Top Speaker, Flex 3				2.64%		Main: Al P S Cu; Other: Si Cl K Ca Co Ni Zr; Trace: Ti Cr Zn Ge Nb Mo Ag Sn Cs La Ce.	Reportable: Al Si P Co Cu;
FB2320-00	21-313 Smart Phone XT2201-1, Black plastic cover 2		1.161	0.60%				
FB2320-01	21-313 Smart Phone XT2201-1, Black plastic cover 2				93.37%	PC	Main: Si P Cr Cu; Other: Al Ca Mn Fe Zn Mo; Trace: S Cl K Ti Ni Zr W.	Reportable: Al Si P Cr Fe Cu Zn;
FB2320-02	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black shock pads				5.77%	PUR 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: V Cr Mn Fe Ni Cu Zn Ga Sb.	Reportable: Al Si;
FB2320-03	21-313 Smart Phone XT2201-1, Black plastic cover 2, Label				0.17%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si K V Cr; Trace: P Ca Mn Fe Co Ni Cu Zn Ag Sb I Cs.	Reportable: Al Cr Co;
FB2320-04	21-313 Smart Phone XT2201-1, Black plastic cover 2, Red rubber pad				0.17%	Silicone	Main: Si S; Other: Al P Cl Ca; Trace: K Ti V Cr Mn Fe Ni Cu Zn.	Reportable: Al Si;
FB2320-05	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black glue strip				0.09%	PET 80% Silicone 20%	Main: Si S; Other: Al P Cl K Ca Cr; Trace: Ti V Mn Fe Ni Cu Zn.	Reportable: Al Si Cr;
FB2320-06	21-313 Smart Phone XT2201-1, Black plastic cover 2, Yellow rubber pad				0.26%	Silicone	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Ni Mo.	Reportable: Al Si;
FB2320-07	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black net				0.17%	PET 80% Acrylic 20%	Main: Al Si; Other: P S Cl K Ca Ti Cr Mn Fe Cu; Trace: Co Ni Zn Mo Sn Sb.	Reportable: Al Si P Cr Fe Co;
FB2321-00	21-313 Smart Phone XT2201-1, White connection cable 2		0.173	0.09%				

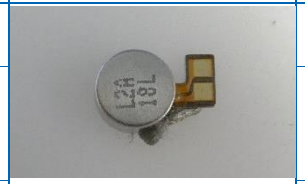
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2321-01	21-313 Smart Phone XT2201-1, White connection cable 2, White cable jacket 1				15.03%	PTFE	Main: Ti; Other: Al Si P S Cl K V Cu; Trace: Ca Cr Co Ni Mo Sn.	Reportable: Al Si P Co Cu;
FB2321-02	21-313 Smart Phone XT2201-1, White connection cable 2, Silver wire 1				35.84%		Main: Si Cu Sn; Other: Al P S Ni Zn Tl; Trace: Ti V Cr Ga Ge.	Reportable: Al Cu Sn Tl; Controlled: Ni.
FB2321-03	21-313 Smart Phone XT2201-1, White connection cable 2, White cable jacket 2				18.50%	PTFE	Main: S; Other: Al Si P Cl Ca Ti Cu; Trace: K V Cr Mn Ni Ag Hf.	Reportable: Al Si Cu;
FB2321-04	21-313 Smart Phone XT2201-1, White connection cable 2, Silver wire 2				7.51%		Main: S Cu Ag; Other: Al Si P Ca Ti Co Ni Zn Ga Sn Ta Tl; Trace: V Cr Mn Ge Mo.	Reportable: Al Co Cu Ag Sn Ta Tl; Controlled: Ni.
FB2321-05	21-313 Smart Phone XT2201-1, White connection cable 2, Golden contact housing				19.08%		Main: Al Si Ni Cu Sn; Other: P S Ca Ti Ag Au; Trace: V Cr Mn Co Ga Ge.	Reportable: Al Co Cu Ag Sn Au; Controlled: Ni.
FB2321-06	21-313 Smart Phone XT2201-1, White connection cable 2, Black plastic inlay				1.73%	PP	Main: Al Si S Ca; Other: P Cl K Ti Fe; Trace: V Cr Mn Ni Cu Zn Zr Mo Au.	Reportable: Al Si Fe;
FB2321-07	21-313 Smart Phone XT2201-1, White connection cable 2, Golden contacts				2.31%		Main: Si S Ni Cu Sn Au; Other: Al P Ca Ti V Cr Ga Mo Ta; Trace: Mn Co Ge Nb Ag.	Reportable: Al Cr Co Cu Sn Ta Au; Controlled: Ni.
FB2322-00	21-313 Smart Phone XT2201-1, Blue connection cable		0.236	0.12%				
FB2322-01	21-313 Smart Phone XT2201-1, Blue connection cable, Blue cable jacket				22.03%	PTFE	Main: Al; Other: Si S Cl K Ca Ti Co Ni; Trace: P Mn Fe Cu Zn Zr W.	Reportable: Al Si Co;
FB2322-02	21-313 Smart Phone XT2201-1, Blue connection cable, Silver wire 1				41.53%		Main: Cu Sn; Other: Al Si P S Ni Zn Tl; Trace: Ti V Ga Ge Bi.	Reportable: Al Cu Sn Tl;

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)]
FB2322-03	21-313 Smart Phone XT2201-1, Blue connection cable, White cable jacket				12.71%	PTFE	Other: Al Si P S Cl Ti Cu Zn; Trace: K Ca V Cr Mn Ni Ag Hf.	Reportable: Al Si Cu Zn;
FB2322-04	21-313 Smart Phone XT2201-1, Blue connection cable, Silver wire 2				5.51%		Main: Al Si S Cu Ag; Other: P Ca Ti Ni Zn Ga Ge Ta Tl; Trace: V Cr Co Mo.	Reportable: Al Co Cu Ag Ta Tl; Controlled: Ni.
FB2322-05	21-313 Smart Phone XT2201-1, Blue connection cable, Golden metal housing				14.83%		Main: S Ni Cu Sn Ta; Other: Al Si P Ca Ti Cr Co Ga Ge Au; Trace: V Mn Fe Zn Mo Ag.	Reportable: Al Cr Co Cu Sn Ta Au; Controlled: Ni.
FB2322-06	21-313 Smart Phone XT2201-1, Blue connection cable, Black plastic inlay				0.85%	PP	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni Cu Zn Zr Au.	Reportable: Al Si Fe;
FB2322-07	21-313 Smart Phone XT2201-1, Blue connection cable, Golden contacts				2.54%		Main: Al Si S Ni Cu Sn Au; Other: P Ca Ti V Cr Mn Fe Co Ga Ge Zr Nb Mo;	Reportable: Al Cr Fe Co Cu Sn Au; Controlled: Ni.
FB2323-00	21-313 Smart Phone XT2201-1, Black connection cable		0.177	0.09%				
FB2323-01	21-313 Smart Phone XT2201-1, Black connection cable, Black cable jacket				16.38%	PTFE	Main: Cu; Other: Al Si P S Cl Ca Ti; Trace: K V Cr Ni Sn.	Reportable: Al Si Cu;
FB2323-02	21-313 Smart Phone XT2201-1, Black connection cable, Silver wire 1				34.46%		Main: S Cu Sn; Other: Al Si P Ni Zn Ga Tl; Trace: Ti V Cr Co Ge Mo.	Reportable: Al Co Cu Sn Tl; Controlled: Ni.
FB2323-03	21-313 Smart Phone XT2201-1, Black connection cable, White cable jacket				19.77%	PTFE	Main: Si; Other: Al S Ti Cu Ag; Trace: P Cl K Ca V Ni.	Reportable: Al Si Cu Ag;
FB2323-04	21-313 Smart Phone XT2201-1, Black connection cable, Silver wire 2				5.65%		Main: Cu Ag; Other: Al Si P S Ni Zn Tl; Trace: Ti Ga Ge.	Reportable: Al Cu Ag Tl;

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)]
FB2323-05	21-313 Smart Phone XT2201-1, Black connection cable, Golden contact housing				16.95%		Main: S Ni Cu Sn Au; Other: Al Si P Ca Ti Ga Ge Ag; Trace: V Cr Mn Co Zn Mo.	Reportable: Al Co Cu Ag Sn Au; Controlled: Ni.
FB2323-06	21-313 Smart Phone XT2201-1, Black connection cable, Black plastic inlay				1.13%	PP	Main: S Ca; Other: Al Si P Cl K Ti Fe; Trace: V Cr Mn Ni Zr Mo.	Reportable: Al Si Fe;
FB2323-07	21-313 Smart Phone XT2201-1, Black connection cable, Golden contacts				5.65%		Main: Al Si P S Ni Cu Sn Au; Other: Ca Ti V Cr Co Ga Ge Mo; Trace: Mn Fe Nb.	Reportable: Al Cr Co Cu Sn Au; Controlled: Ni.
FB2324-00	21-313 Smart Phone XT2201-1, SUB PWB 1		1.329	0.68%				
FB2324-01	21-313 Smart Phone XT2201-1, SUB PWB 1, Metal shielding 1				9.26%		Main: Al Si S Ni Cu Zn Sn; Other: P Ca Ti Cr Mn Fe Ga Ag Ta W; Trace: V Co Ge.	Reportable: Al Cr Fe Co Cu Zn Ag Sn Ta W; Controlled: Ni.
FB2324-02	21-313 Smart Phone XT2201-1, SUB PWB 1, Metal shielding 2				1.43%		Main: Al Si Ni Cu Zn; Other: P S Mn Fe Ag Sn W; Trace: Ca Ti V Co Ga Ge Br.	Reportable: Al Fe Co Cu Zn Ag Sn W; Controlled: Ni.
FB2324-03	21-313 Smart Phone XT2201-1, SUB PWB 1, Metal shielding 3				0.60%		Main: Al Si P S Ni Cu Zn Au; Other: Ca Ti V Cr Ga Ge Sn Sb Ta; Trace: Mn Co.	Reportable: Al Cr Co Cu Zn Sn Sb Ta Au; Controlled: Ni.
FB2324-04	21-313 Smart Phone XT2201-1, SUB PWB 1, Copper glue strip				1.28%	Metal 80% Acrylic 20%	Main: Al Si Cu; Other: S Ni Zn W; Trace: P Ca Ti Ga Ge.	Reportable: Al Cu Zn W; Controlled: Ni.
FB2324-05	21-313 Smart Phone XT2201-1, SUB PWB 1, Black rubber seal				0.68%	Silicone	Main: Si; Other: Al S Cl; Trace: P K Ca Ti Fe Ni Zn.	Reportable: Al Si;
FB2324-06	21-313 Smart Phone XT2201-1, SUB PWB 1, Label				0.30%	PET 80% Acrylic 20%	Main: Al Si Ti; Other: P S Cl Zn; Trace: K Ca Cr Mn Ni Cu Sn Sb Te I Cs Ce.	Reportable: Al Si 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)]
FB2324-07	21-313 Smart Phone XT2201-1, SUB PWB 1, Yellow glue strips				0.08%	PAI 80% Silicone 20%	Main: Al Si; Other: P S Cl Ca; Trace: K Ti V Cr Mn Fe Ni Zn.	Reportable: Al Si;
FB2324-08	21-313 Smart Phone XT2201-1, SUB PWB 1				86.38%		Main: Al Si S Ni Cu Sn Ba; Other: Cl K Ca Ti Cr Mn Fe Zn Sr Zr Ag Au Pb; Trace: Mo Pd La. See x, y – Scan (Chapter 4)	Reportable: Al Si Cr Fe Cu Zn Ag Sn Ba Au; **Controlled**: Ni **Pb**
FB2325-00	21-313 Smart Phone XT2201-1, SUB PWB 2		1.163	0.60%			Main: Al Si P S K Ni Cu Sn; Other: Cl Ca Ti Fe Sr Ba Au; Trace: Ge Rb Y Zr Nb Ag I. See x, y – Scan (Chapter 4)	Reportable: Al Si P Fe Cu Sn Ba Au; **Controlled**: Ni **Pb**
FB2326-00	21-313 Smart Phone XT2201-1, Bottom speaker		2.823	1.45%				
FB2326-01	21-313 Smart Phone XT2201-1, Bottom speaker, Metal plate 1				15.41%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu W; Trace: Ti Zn Ga Ge.	Reportable: Al Cr Fe Co W; Controlled: Ni.
FB2326-02	21-313 Smart Phone XT2201-1, Bottom speaker, Metal plate 2				11.51%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu Zn W; Trace: Ti Ga Ge Mo.	Reportable: Al Cr Fe Co W; Controlled: Ni.
FB2326-03	21-313 Smart Phone XT2201-1, Bottom speaker, Black plastic housing				18.28%	PC	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni Zn Br Sr Zr.	Reportable: Al Si P Fe;
FB2326-04	21-313 Smart Phone XT2201-1, Bottom speaker, Metal frame 1				4.07%		Main: Si Fe Ni; Other: Al P S Ca Mn Co Zn; Trace: Ti Cu Ga Ge Mo.	Reportable: Al Fe Co Zn; Controlled: Ni.
FB2326-05	21-313 Smart Phone XT2201-1, Bottom speaker, Small metal plates				0.50%		Main: Al S Cr Mn Fe Ni; Other: Si P Ca Ti V Co Cu Zn Ga Ge; Trace: Zr Nb Mo Sn W.	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.

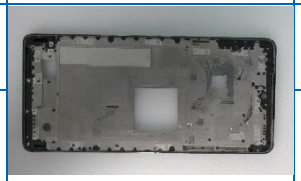
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2326-06	21-313 Smart Phone XT2201-1, Bottom speaker, Black shock pads				0.35%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Ti Ni; Trace: V Cr Mn Fe Zn.	Reportable: Al Si;
FB2326-07	21-313 Smart Phone XT2201-1, Bottom speaker, White net 1				0.04%	PET 80% Acrylic 20%	Other: Al Si Ca Ti Ce; Trace: P K Fe Ni Zn Ag Sn Sb Te I Cs Ba La.	Reportable: Al Si Ce;
FB2326-08	21-313 Smart Phone XT2201-1, Bottom speaker, Blue glue strip				0.04%	PET	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Fe Ni Cu.	Reportable: Al Si;
FB2326-09	21-313 Smart Phone XT2201-1, Bottom speaker, Membrane				0.67%	Metal 70% PBT 20% PTFE 10%	Main: Al; Other: Si Fe; Trace: P K Ti V Cu.	Reportable: Al Fe;
FB2326-10	21-313 Smart Phone XT2201-1, Bottom speaker, Clear glue				0.96%	PUR	Main: Si P; Other: Al S Cl K Ca Ti Fe; Trace: Cr Mn Ni Cu Zn Sn.	Reportable: Al Si P Fe;
FB2326-11	21-313 Smart Phone XT2201-1, Bottom speaker, White net 2				0.78%	PET 90% PUR 10%	Main: Al Si; Other: P S Cl K Ca Ti; Trace: Cr Mn Fe Ni Cu Zn.	Reportable: Al Si P;
FB2326-12	21-313 Smart Phone XT2201-1, Bottom speaker, Metal frame 2				0.07%		Main: Al Si S Fe; Other: P Ca Ti V Cr Mn Ni Cu Zn Ga; Trace: Co Ge Zr Nb Mo Sn.	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.
FB2326-13	21-313 Smart Phone XT2201-1, Bottom speaker, Copper wire				2.66%		Main: Al Si Cu; Other: P S Ca Ni Ta; Trace: Ti V Cr Mn Fe Zn Ga.	Reportable: Al Cu Ta;
FB2326-14**	21-313 Smart Phone XT2201-1, Bottom speaker, Magnets 1				7.40%		Main: Al Si Fe Zn; Other: P S Ca Ti V Cr Mn Co Ni Cu Ga Ge Zr Nb Mo Sn Sb W Bi; Trace: Br Tl.	Reportable: Al Cr Fe Co Cu Zn Sb W Bi; Controlled: Ni.
FB2326-15	21-313 Smart Phone XT2201-1, Bottom speaker, Black plastic frame				1.31%	PA	Main: Al Si Ca; Other: P S Cl K Ti Fe; Trace: V Cr Mn Ni Zn Sr Zr.	Reportable: Al Si P Fe;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2326-16	21-313 Smart Phone XT2201-1, Bottom speaker, Metal cover				11.48%		Main: Si P Fe Ni; Other: Al S Ca Mn Co Cu Zn Bi; Trace: Ti Ga Ge Mo.	Reportable: Al Fe Co Zn Bi; Controlled: Ni.
FB2326-17**	21-313 Smart Phone XT2201-1, Bottom speaker, Magnets 2				2.98%		Main: Al Si P S Ca Fe Zn; Other: Ti V Cr Mn Co Ni Cu Ga Ge Br Zr Nb Mo Sn W Tl Bi;	Reportable: Al Cr Fe Co Cu Zn Sn W Tl Bi; Controlled: Ni.
FB2326-18	21-313 Smart Phone XT2201-1, Bottom speaker, White powder				4.64%		Main: Si; Other: Al S Cl K Ca; Trace: P Ti Fe.	Reportable: Al Si;
FB2326-19**	21-313 Smart Phone XT2201-1, Bottom speaker, Magnet 3				11.73%		Main: Al Fe Zn; Other: Si P S Ca Ti V Cr Co Ni Cu Ge Zr Nb W; Trace: Mn Ga Sn Sb.	Reportable: Al Cr Fe Co Cu Zn W;
FB2326-20	21-313 Smart Phone XT2201-1, Bottom speaker, Metal plate 3				4.22%		Main: P S Fe Ni; Other: Al Si Ca Mn Co Zn Bi; Trace: Ti Cr Ga Ge Mo.	Reportable: Al Fe Co Zn Bi; Controlled: Ni.
FB2326-21	21-313 Smart Phone XT2201-1, Bottom speaker, Flex 1				0.89%		Main: Si S; Other: Al P Cl Ca; Trace: K Ti V Cr Mn Fe Ni.	Reportable: Al Si P;
FB2326-22	21-313 Smart Phone XT2201-1, Bottom speaker, Pink glue				0.04%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu W; Trace: Ti Zn Ga Ge.	Reportable: Al Cr Fe Co W; Controlled: Ni.
FB2327-00	21-313 Smart Phone XT2201-1, Vibra call		1.110	0.57%				
FB2327-01	21-313 Smart Phone XT2201-1, Vibra call, Metallic glue strip				0.45%	PET 80% Acrylic 20%	Main: Al Fe Ni Cu; Other: Si P S Cl K Ca Ti Cr Mn Zn; Trace: V Mo Sb.	Reportable: Al Si Cr Fe Cu Zn; Controlled: Ni.
FB2327-02	21-313 Smart Phone XT2201-1, Vibra call, Metal housing				11.44%		Main: Cr Mn Fe Ni; Other: Al Si P S V Co Cu Mo W; Trace: Ca Ti Ga Ge Pb.	Reportable: Al Cr Fe Co Cu W; Controlled: Ni.
FB2327-03	21-313 Smart Phone XT2201-1, Vibra call, Metal strips				2.43%		Main: Al Si S Cr Mn Fe Ni; Other: P Ca Ti V Co Cu Zn Ga Ge Mo Sn; Trace: Zr Nb.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2327-04	21-313 Smart Phone XT2201-1, Vibra call, Copper wire				1.71%		Main: Al Si S Cu Ta; Other: P Ca Ti Cr Ni Zn Ga Ge Tl; Trace: V Zr Nb Mo.	Reportable: Al Cr Cu Ta Tl; Controlled: Ni.
FB2327-05	21-313 Smart Phone XT2201-1, Vibra call, Metal ring				69.82%		Main: Si Co Ni W; Other: Al P S Ca Ti Cr Fe Cu Zn Ge Au; Trace: V Ga.	Reportable: Al Cr Fe Co Cu Zn W Au; Controlled: Ni.
FB2327-06**	21-313 Smart Phone XT2201-1, Vibra call, Metal cover				2.97%		Main: Cr Fe; Other: Al Si P S V Mn Ni Zn W; Trace: Ca Ti Cu Ga Ge Mo.	Reportable: Al Cr Fe W; Controlled: Ni.
FB2327-07	21-313 Smart Phone XT2201-1, Vibra call, Magents				2.16%		Main: Al Si P S Ca Fe Ni Cu; Other: Ti V Cr Mn Co Zn Ga Ge Br Zr Nb Mo Sn Sb W Tl Bi;	Reportable: Al Cr Fe Co Cu Zn Sn Sb W Tl Bi; Controlled: Ni.
FB2327-08	21-313 Smart Phone XT2201-1, Vibra call, Flex				9.01%		Main: Al Si Cr Fe Ni Cu; Other: P S Cl K Ca V Mn Co Zr Mo Sn W Au; Trace: Ti Rb Sr Y Nb Cs.	Reportable: Al Si P Cr Fe Co Cu Sn W Au; Controlled: Ni.
FB2328-00	21-313 Smart Phone XT2201-1, PWB connection flex 1		0.458	0.24%			Main: Cr Fe Ni Cu; Other: Al Si P S Cl K Ca V Mn Co Zr Mo Sn I W; Trace: Ti Zn Ge Sr Y Nb Ag Bi.	Reportable: Al Si P Cr Fe Co Cu Sn W; Controlled: Ni.
FB2329-00	21-313 Smart Phone XT2201-1, PWB connection flex 2		0.830	0.43%			Main: P Ni Cu Au; Other: Al Si S Cl K Ca Ge Zr; Trace: Ti Ga Y Nb Pd Ba La.	Reportable: Al Si P Cu Au; Controlled: Ni.
FB2330-00	21-313 Smart Phone XT2201-1, Copper glue strip, Metallic glue strip 1+2, Metallic shock pads 1-3, Black shock pad 1+2, Black net		0.233	0.12%				
FB2330-01	21-313 Smart Phone XT2201-1, Copper glue strip				8.15%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Zn Tl; Trace: Ti Ga Ge Br Bi.	Reportable: Al Cu Zn Tl; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. E Appendix C relevant compounds [1)]
FB2330-02	21-313 Smart Phone XT2201-1, Metallic glue strips 1+2				45.49%	PET 80% Acrylic 20%	Main: Al Si Ni Cu; Other: P S Cl K Ca Ti Zn; Trace: Cr Fe Ga Y Zr Nb Sb Cs Ba La Ce.	Reportable: Al Si Cu Zn; Controlled: Ni.
FB2330-03	21-313 Smart Phone XT2201-1, Metallic shock pads 1+3				32.19%	PUR 60% PET 20% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Zn Hf; Trace: V Cr Fe Y Zr Nb Mo Sn Sb.	Reportable: Al Si Cu Zn; Controlled: Ni.
FB2330-04	21-313 Smart Phone XT2201-1, Metallic shock pads 2				0.86%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Zn Hf; Trace: Cr Fe Zr Nb Sn Sb.	Reportable: Al Si Cu; Controlled: Ni.
FB2330-05	21-313 Smart Phone XT2201-1, Black shock pad 1				4.29%	PUR 60% PET 20% Acrylic 20%	Other: Al Si K Ca Zn; Trace: P S Cl Ti V Cr Mn Fe Ni Cu Mo W.	Reportable: Al Si Zn;
FB2330-06	21-313 Smart Phone XT2201-1, Black shock pad 2				2.58%	PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S Cl K Ca; Trace: Ti Cr Mn Fe Ni Cu Zn Mo.	Reportable: Al Si;
FB2330-07	21-313 Smart Phone XT2201-1, Black net				6.44%	PET 70% PP 20% Acrylic 10%	Main: Al Si; Other: P S Cl K Ca Ti Zn; Trace: Cr Mn Fe Co Ni Cu.	Reportable: Al Si Co Zn;
FB2331-00	21-313 Smart Phone XT2201-1, Front glass		17.255	8.86%			Main: Al Si K; Other: Cl Ca Sn; Trace: P Ti Fe Ni Ga Zr I.	Reportable: Al Si Sn;
FB2332-00	21-313 Smart Phone XT2201-1, Display LED flex		1.237	0.64%				
FB2332-01	21-313 Smart Phone XT2201-1, Display LED flex, Metallic/black glue strips				5.42%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca Ti Zn Y Hf; Trace: V Cr Fe Zr Nb Pd Sn Sb.	Reportable: Al Si P Cu Y; 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)]
FB2332-02	21-313 Smart Phone XT2201-1, Display LED flex, Label				0.32%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Ni Cu; Trace: V Cr Fe Zn Sn Sb Ba.	Reportable: Al Si Cu; Controlled: Ni.
FB2332-03	21-313 Smart Phone XT2201-1, Display LED flex, Metallic glue strip 1				8.00%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca Ti Zn Hf; Trace: Y Pd Sb Cs Ba La Ce.	Reportable: Al Si P Cu; Controlled: Ni.
FB2332-04	21-313 Smart Phone XT2201-1, Display LED flex, Metallic glue strip 2				1.46%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Zn Hf; Trace: Fe Y Nb Pd Sb.	Reportable: Al Si P Cu Zn; Controlled: Ni.
FB2332-05	21-313 Smart Phone XT2201-1, Display LED flex				84.80%		Main: Al Si Ni Cu; Other: P S Cl K Ca Fe Zn Zr Sn I Ba Au; Trace: Ti Ga Ge Y Nb Mo Pd La. See x, y – Scan (Chapter 4)	Reportable: Al Si P Fe Cu Sn Ba Au; **Controlled**: Ni **Pb**
FB2333-00	21-313 Smart Phone XT2201-1, Back foil, Copper foil, Flex foil		10.154	5.22%				
FB2333-01	21-313 Smart Phone XT2201-1, Back foil				25.43%	Cellulose Polyester 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ti Ag I; Trace: Ca Cr Mn Ni Zn.	Reportable: Al Si P Ag;
FB2333-02	21-313 Smart Phone XT2201-1, Copper foil				57.11%	Metal 80% Acrylic 20%	Main: Cu; Other: Al Si Ni Zn Tl; Trace: P Ca Ti Cr Ga Ge W Bi.	Reportable: Al Cu Zn Tl;
FB2333-03	21-313 Smart Phone XT2201-1, Flex foil				17.46%		Main: Si; Other: Al P Cl K Ti Mo Ag; Trace: Ca V Cr Mn Ni Nb In.	Reportable: Al Si Ag;
FB2334-00	21-313 Smart Phone XT2201-1, Black plastic insert		0.128	0.07%				
FB2334-01	21-313 Smart Phone XT2201-1, Black plastic insert, Metallic gkue strip				0.78%	PET 80% Acrylic 20%	Main: S; Other: Al Si P Cl K Ca; Trace: Ti V Cr Mn Ni Cu Mo.	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]
FB2334-02	21-313 Smart Phone XT2201-1, Black plastic insert				99.22%	PC	Other: Al Si S Ca Ni Cu; Trace: P Cl K Ti Cr Mn Fe.	Reportable: Al; Controlled: Ni.
FB2335-00	21-313 Smart Phone XT2201-1, Mute button		0.089	0.05%				
FB2335-01	21-313 Smart Phone XT2201-1, Mute button				82.02%	PC 97% Acrylic based paint 3%	Other: Al Si P S Cl K Ca Ti V Fe; Trace: Cr Mn Ni Cu Zn In Ba.	Reportable: Al Fe;
FB2335-02	21-313 Smart Phone XT2201-1, Mute button, Black rubber insert				17.98%	TPU	Main: S; Other: Al Si P Cl Ca; Trace: K Ti V Cr Mn Fe Ni Ba.	Reportable: Al Si;
FB2336-00	21-313 Smart Phone XT2201-1, Mute button flex		0.186	0.10%			Main: Al Si P S Ni Cu; Other: Cl K Ca Ti Cr Fe Zn Zr Ag Sn Au; Trace: Mn Ge Y Nb Mo Pd Ba La.	Reportable: Al Si P Cr Fe Cu Ag Sn Au; Controlled: Ni.
FB2337-00	21-313 Smart Phone XT2201-1, Power button flex		0.290	0.15%			Main: Si S Cu; Other: Al P Cl K Ca Ti Cr Fe Ni Zr Ag Ba; Trace: Mn Co Zn Sr Mo Au.	Reportable: Al Si Cr Fe Co Cu Ag Ba; Controlled: Ni.
FB2338-00	21-313 Smart Phone XT2201-1, Metal housing		33.865	17.40%				
FB2338-01**	21-313 Smart Phone XT2201-1, Metal housing, Metal plate				80.25%		Main: Al Si Cu; Other: P S Ca Ti Cr Mn Fe Zn Zr; Trace: V Ni Ga Pb.	Reportable: Al Cr Fe Cu Zn;
FB2338-02	21-313 Smart Phone XT2201-1, Metal housing, Plastic frame				19.75%	PC GF 97% Acrylic based paint 3%	Main: Al Si Ca; Other: P S Cl K Ti Fe Cu; Trace: V Cr Mn Ni Zn Sr Zr In.	Reportable: Al Si Fe;

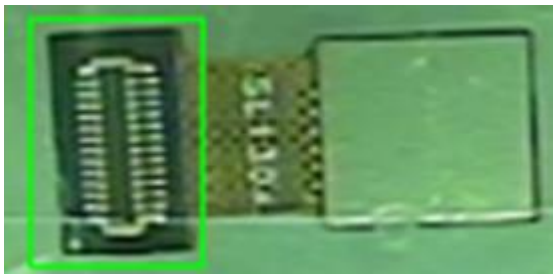
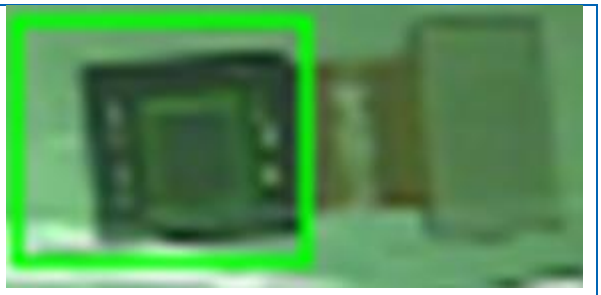
[1] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.
, Cr and Pb are also REACH relevant substances
* indicates potential presence of Brominated Flame Retardants (other than PBBs or PBDEs)
** Sample tested for CrVI by colorimetric method.

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

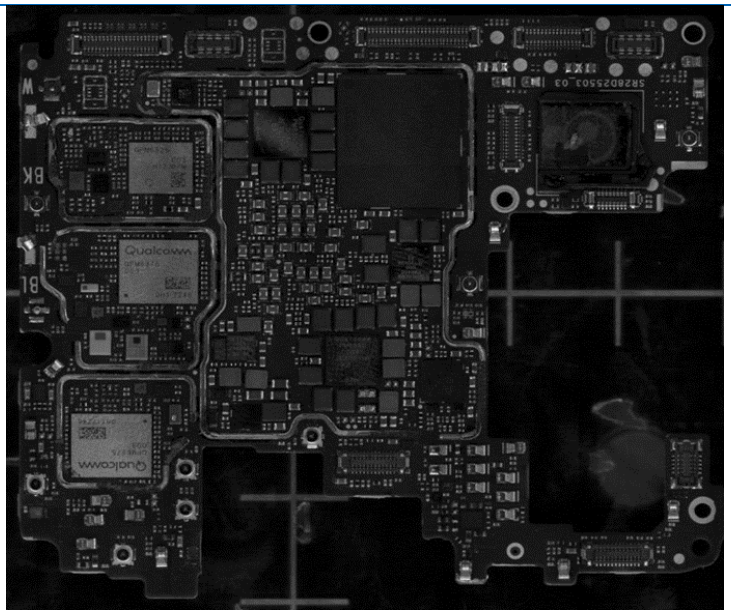
Only confirmed positive findings of materials of concern are reported – other (RoHS) substances are below detection limits for each sample. Detection limits for single samples are available on request.

4 Results EDXRF Scan

Results x,y Scan Sample FB2316-07

	
Bromine	
Not detected	Not detected
Lead	
Not detected	

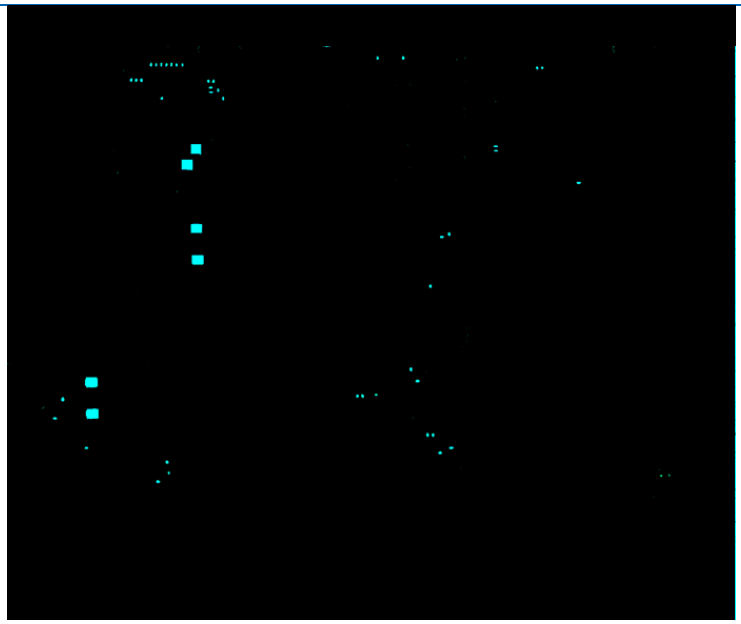
Results x,y Scan Sample FB2317-11 Top



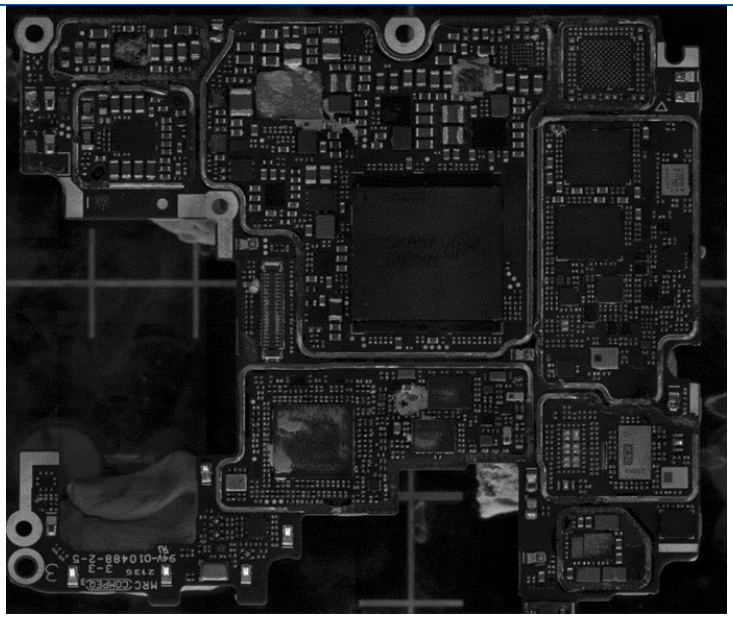
Bromine

Not detected

Lead



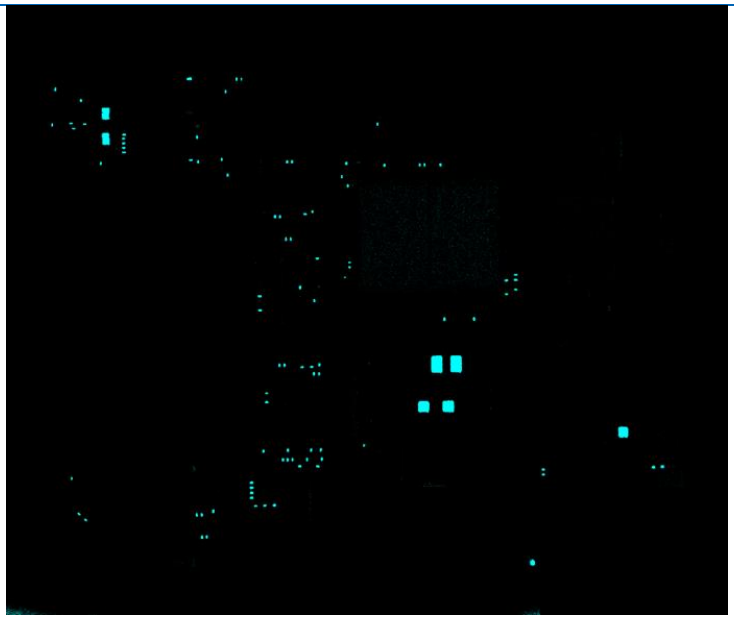
Results x,y Scan Sample FB2317-11 Bottom



Bromine

Not detected

Lead



Results x,y Scan Sample FB2318-19



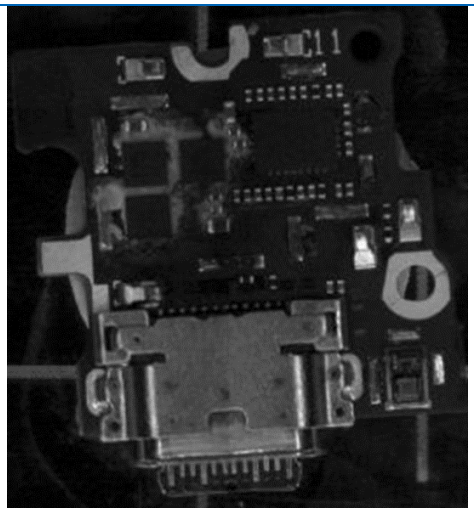
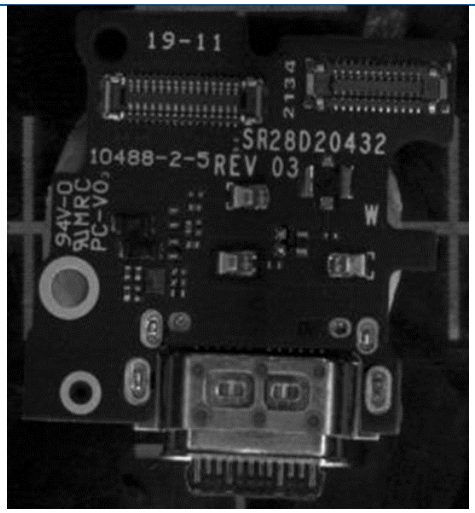
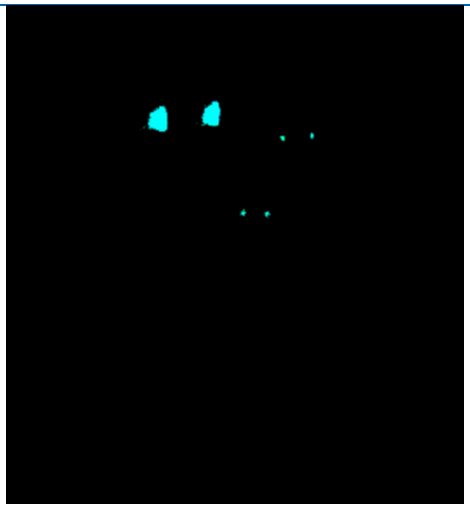
Bromine

Not detected

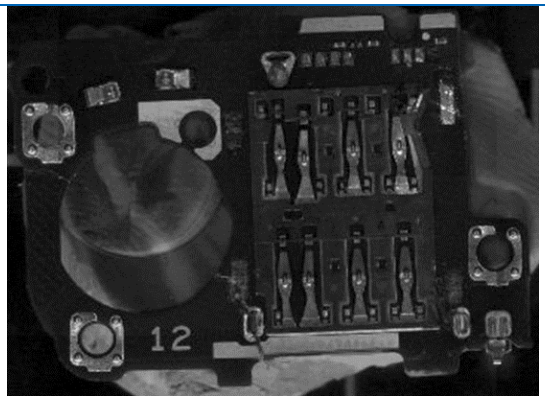
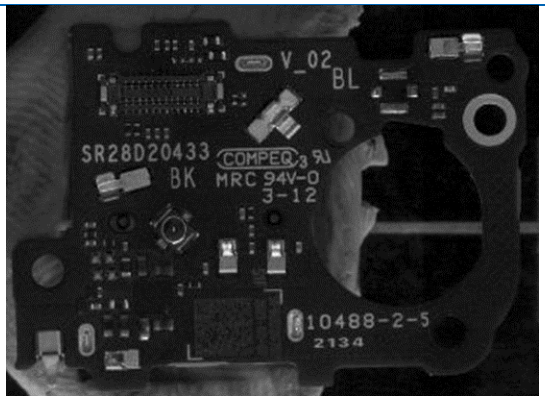
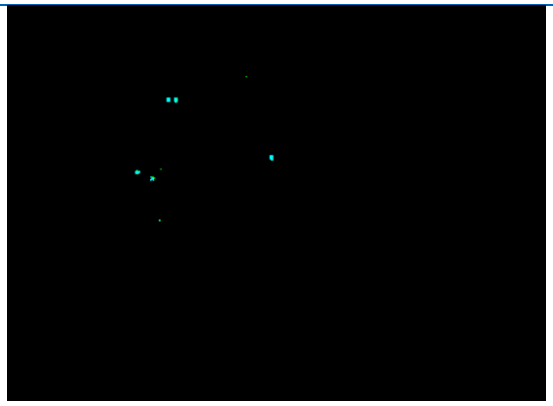
Lead



Results x,y Scan Sample FB2324-08

	
Bromine	
Not detected	Not detected
Lead	
	Not detected

Results x,y Scan Sample FB2325-00

	
Bromine	
Not detected	Not detected
Lead	
Not detected	

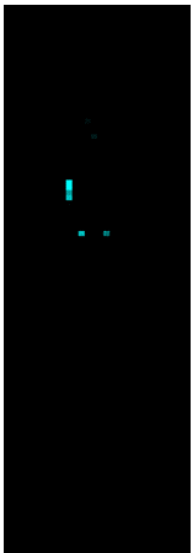
Results x,y Scan Sample FB2332-05



Bromine

Not detected

Lead



5 Summary of REACH 1907/2006/EC

According to §33 Reach information needs to be provided within the supply chain if the concentration of a SVHC substance calculated for the article is higher than 0.1 %. The table below summarizes the organic substances detected with concentrations > 0.1% calculated for the articles according to SVHC substance list dated July 8th, 2021, Annex XIV List dated February 07th, 2020 and Annex XVII List dated February 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 5.3 and 5.4. 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 5.3. and 5.4. For the speciation of these substances, further testing could be required.

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

The following substances were detected in the samples.

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1] (% w/w)	Substance concentration in article[2] (% w/w)	SVHC > 0.1% Reporting required?[2] (Y/N/Risk)
21-313 Smart Phone XT2201-1	FD1184	-	-	-	-	-	**N**
	FD1185	4-tert-butylphenol[4]	-	-	0.024	0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.014	0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.002	< 0.001	**N**
	FD1186	4-tert-butylphenol[4]	-	-	0.096	0.004	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.032	0.001	**N**
	FD1187	4-tert-butylphenol[4]	-	-	0.064	0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.016	< 0.001	**N**
		-	-	Hexane, 1,6-diisocyanato- (Entry 74)	0.001	< 0.001	**N**
		-	-	4,4'-Diisocyanato-dicyclohexylmethane, cis, trans- (Entry 74)	0.002	< 0.001	**N**
	FD1188	4-tert-butylphenol[4]	-	-	0.109	< 0.001	**N**[3]
		4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.001	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.142	< 0.001	**N**[3]
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.007	< 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)
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.032	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.009	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.001	< 0.001	**N**
	FD1189	4-tert-butylphenol[4)]	-	-	0.056	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.028	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.005	< 0.001	**N**
		-	-	4,4'-Diisocyanato-dicyclohexylmethane, cis, trans- (Entry 74)	0.002	< 0.001	**N**
	FD1190	-	-	Toluene (Entry 48)	0.002	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.032	< 0.001	**N**
	FD1191	4,4'-isopropylidene-diphenol (BPA)	-	-	0.004	< 0.001	**N**
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.009	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.002	< 0.001	**N**
	FD1192	Octamethyl-cyclotetrasiloxane (D4)	-	Octamethyl-cyclotetrasiloxane (D4) (Entry 70)	0.001	< 0.001	**N**
		4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.001	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.002	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1)] (% w/w)	Substance concentration in article[2)] (% w/w)	SVHC > 0.1% Reporting required?[2)] (Y/N/Risk)
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.011	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.003	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.001	< 0.001	**N**
	FD1193	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.001	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.005	< 0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.002	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.008	< 0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56)	0.012	< 0.001	**N**
	FD1194	4,4'-isopropylidene-diphenol (BPA)	-	-	0.001	< 0.001	**N**
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.002	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.001	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.005	< 0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56)	0.046	< 0.001	**N**
	FD1195	4,4'-isopropylidene-diphenol (BPA)	-	-	0.003	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1)] (% w/w)	Substance concentration in article[2)] (% w/w)	SVHC > 0.1% Reporting required?[2)] (Y/N/Risk)
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.001	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.038	< 0.001	**N**
		-	-	4,4'-Diisocyanato-dicyclohexylmethane, cis, trans- (Entry 74)	0.005	< 0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56)	0.004	< 0.001	**N**
	FD1196	4,4'-isopropylidene-diphenol (BPA)	-	-	0.010	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.002	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.002	< 0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56)	0.020	< 0.001	**N**
		-	-	4,4'-Diisocyanato-dicyclohexylmethane, cis, trans- (Entry 74)	0.001	< 0.001	**N**
	FD1197	4,4'-isopropylidene-diphenol (BPA)	-	-	0.004	< 0.001	**N**
		-	-	4,4'-Methylenediphenyl diisocyanate (Entry 56)	0.020	< 0.001	**N**
	FD1198	Octamethyl-cyclotetrasiloxane (D4)	-	Octamethyl-cyclotetrasiloxane (D4) (Entry 70)	0.001	< 0.001	**N**
		Decamethyl-cyclopentasiloxane (D5)	-	Decamethyl-cyclopentasiloxane (D5) (Entry 70)	0.001	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1)] (% w/w)	Substance concentration in article[2)] (% w/w)	SVHC > 0.1% Reporting required?[2)] (Y/N/Risk)
		Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.001	< 0.001	**N**
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.009	< 0.001	**N**
		-	-	Benzene, 1,3-diisocyanato-2-methyl- (Entry 74)	0.003	< 0.001	**N**
		-	-	4,4'-Diisocyanato-dicyclohexylmethane, cis, trans- (Entry 74)	0.054	< 0.001	**N**
	FD1199	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.005	< 0.001	**N**
	FD1200	-	-	Toluene (Entry 48)	0.001	< 0.001	**N**
	FD1201	1,3-propanesultone	-	-	0.433	0.014	**N[3)]**
	FD1202	4-tert-butylphenol[4)]	-	-	0.001	< 0.001	**N**
		1,3-propanesultone	-	-	0.029	< 0.001	**N**
		4,4'-isopropylidene-diphenol (BPA)	-	-	0.020	< 0.001	**N**
	FD1203	4,4'-isopropylidene-diphenol (BPA)	-	-	0.003	< 0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.001	< 0.001	**N**
	FD1204	4,4'-isopropylidene-diphenol (BPA)	-	-	0.002	< 0.001	**N**
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.004	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.002	< 0.001	**N**
	FD1205	4,4'-isopropylidene-diphenol (BPA)	-	-	0.001	< 0.001	**N**

Article	Sample Number	REACH SVHC Substance Detected	REACH Detected Annex XIV Substance	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction[1] (% w/w)	Substance concentration in article[2] (% w/w)	SVHC > 0.1% Reporting required?[2] (Y/N/Risk)
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.001	< 0.001	**N**
		-	-	Benzene, 2,4-diisocyanato-1-methyl- (Entry 74)	0.002	< 0.001	**N**
		-	-	Isophorone diisocyanate (Entry 74)	0.002	< 0.001	**N**

[1] For the composition of fractions please refer to Chapter 7.
[2] The results refer to the article considered as functional unit as described in the first column of this table. For the assignment on homogenous material level, further testing could be required. For samples with low weights, the detection limit of 0.1% SVHC in homogeneus material may not be achieved.
* For the conditions of restriction please refer to "List of REACH Annex XVII substances" of this test report of for more detailed information refer directly to REACH Regulation (1907/2006/EC) Annex XVII in EUR -Lex Website
[3] Reporting is required on the homogeneous material level.
[4] Depending on the manufacturing process of 4-tert-butylphenol a certain ratio of 3-tert-butylphenol may also be present

5.2 Summary REACH Annex XVII substances Entries 20, 21, 27 and 50

Substances	***Results***
Entry 20- Organostannic compounds[1)]	**Sn > 0.1% detected** See sample FB2314-07 (0.29% Sn) [1)]
Entry 21 Di-µ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate C8H19BO3Sn (DBB)[1)]	**Sn > 0.04% detected** See sample FB2304-00 (0.05% Sn) [1)] See sample FB2314-07 (0.29% Sn) [1)]
Entry 27- Nickel and its compounds[1)]	**detected** see chapter 3 [2)]
Entry 50- Polycyclic-aromatic hydrocarbons (PAH)	See Chapter 6

[1)] *Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.*
[2)] *Controlled in surface preparations of products in parts intended to come into contact with the skin.* Further testing could be required to validate that the Nickel ion release rate is < 0.5 µg/cm²/week.

5.3 List of SVHC and Annex XIV substances

Bis(2-(2-methoxyethoxy)ethyl) ether	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety[2)]
Butyl 4-hydroxybenzoate	Dibutylbis(pentane-2,4-dionato-O,O')tin[2)]
1-vinylimidazole[1)]	2-methylimidazole[1)]
Perfluorobutane sulfonic acid (PFBS) and its salts[1)]	Diisohexyl phthalate
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides[1)]	2-methoxyethyl acetate
4-tert-butylphenol	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 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"™)	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
Henicosafluoroundecanoic acid[1)]	Heptacosafluorotetradecanoic 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
Pentacosafluorotridecanoic acid[1)]	Orange lead (lead tetroxide) [2)]
Pyrochlore, antimony lead yellow[2)]	Pentalead tetraoxide sulphate[2)]
Silicic acid, lead salt[2)]	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped[2)]
Tetraethyllead[2)]	Sulfurous acid, lead salt, dibasic[2)]
Tricosafluorododecanoic acid[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 hydroxyoctaoxodizincatedichromate[2,3)]*
1,2,3-trichloropropane	Zirconia Aluminosilicate Refractory Ceramic Fibres[5)]
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters*	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich*
2-ethoxyethyl acetate	1-Methyl-2-pyrrolidone
Strontium chromate[2,3)]*	Hydrazine[1)]
2-methoxyethanol	2-ethoxyethanol
Dichromic acid[2,3)]	Acids generated from chromium trioxide and their oligomers[2,3)]*
Chromic acid[2,3)]	Oligomers of chromic acid and dichromic acid[2,3)]
Cobalt(II) carbonate[2)]	Chromium trioxide[2,3)]*
Cobalt(II) dinitrate[2)]	Cobalt(II) diacetate[2)]

Ammonium dichromate[2,3)]*	Cobalt(II) sulphate[2)]
Boric acid, crude natural[1)]	Boric acid[1)]
Disodium tetraborate, anhydrous[1)]	Potassium chromate[2,3)]*
Potassium dichromate[2,3)]*	Sodium chromate[2,3)]*
Tetraboron disodium heptaoxide, hydrate[1)]	Trichloroethylene*
Acrylamide	2,4-dinitrotoluene*
Anthracene oil*	Anthracene oil, anthracene paste
Anthracene oil, anthracene paste, anthracene fraction	Anthracene oil, anthracene paste, distn. lights
Anthracene oil, anthracene-low	Diisobutyl phthalate (DIBP)*
Lead chromate[2)]*	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)[2)]*
Lead sulfochromate yellow (C.I. Pigment Yellow 34)[2)]*	Pitch, coal tar, high-temp.*
Tris(2-chloroethyl) phosphate*	4,4'- Diaminodiphenylmethane (MDA)*
5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)*	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)
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 (HBD)*	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

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

5.4 List of REACH Annex XVII substances

75. (a) substances classified as any of the following in Part 3 of Annex VI to Regulation (EC) No 1272/2008 [1)] (b) substances listed in Annex II to Regulation (EC) No 1223/2009 of the European Parliament and of the Council [1)] (c) substances listed in Annex IV to Regulation (EC) No 1223/2009 for which a condition is specified in at least one of the columns g, h and i of the table in that Annex (d) substances listed in Appendix 13 to this Annex. [1)]	
73. (3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) silanetriol Any of its mono-, di- or tri-O-(alkyl)derivatives (TDFAs) [1)]	**74.** Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length [7)]
71. 1-methyl-2-pyrrolidone (NMP)	**72.** The substances listed in column 1 of the Table in Appendix 12 [1) 6)]
69. Methanol [1)]	**70.** Octamethylcyclotetrasiloxane (D4) [1)] Decamethylcyclopentasiloxane (D5) [1)]
67. Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE) [8) 9)]	**68.** Perfluorooctanoic acid [8) 9)]
65. Inorganic ammonium salts [1)]	**66.** 4,4'-isopropylidenediphenol (Bisphenol A) [1)]
63. Lead and its compounds [1) 3)]	**64.** 1,4-Dichlorobenzene [1)]
61. Dimethylfumarate (DMF)	**62.** Phenylmercury neodecanoate[3)] Phenylmercury octanoate[3)] Phenylmercury propionate[3)] Phenylmercury acetate[3)] Phenylmercury 2-ethylhexanoate[3)]
59. Dichloromethane [1)]	**60.** Acrylamide [1)]
57. Cyclohexane	**58.** Ammonium nitrate (AN) [1)]
55. 2-(2-butoxyethoxy)ethanol (DEGBE)[1)]	**56.** Methylenediphenyl diisocyanate (MDI) including the following specific isomers [5)]: (a) 4,4'-Methylenediphenyl diisocyanate (b) 2,4'-Methylenediphenyl diisocyanate (c) 2,2'-Methylenediphenyl diisocyanate
52. (a) Di-'isononyl' phthalate (DINP) [1)] (b) Di-'isodecyl' phthalate (DIDP) [1)] (c) Di-n-octyl phthalate (DNOP) [1)] (d) 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich [1)] (e) 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich [1)]	**54.** 2-(2-methoxyethoxy)ethanol (DEGME)
50. Polycyclic-aromatic hydrocarbons (PAH) [8)] (a) Benzo[a]pyrene (BaP) (b) Benzo[e]pyrene (BeP) (c) Benzo[a]anthracene (BaA) (d) Chrysen (CHR) (e) Benzo[b]fluoranthene (BbFA) (f) Benzo[j]fluoranthene (BjFA) (g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAhA)	**51.** (a) Bis (2-ethylhexyl) phthalate (DEHP) [1)] (b) Dibutyl phthalate (DBP) [1)] (c) Benzyl butyl phthalate (BBP) [1)]
48. Toluene	**49.** Trichlorobenzene
46. (a) Nonylphenol [1) 6)] (b) Nonylphenol ethoxylates [1) 6)]	**47.** Chromium VI compounds [1)]
43. Azocolourants and Azodyes [1) 6)]	**45.** Diphenylether, octabromo derivative

40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.[1)]	**41.** Hexachloroethane[1)]
37. Pentachloroethane	**38.** 1,1-Dichloroethene
35. 1,1,2,2-Tetrachloroethane	**36.** 1,1,1,2-Tetrachloroethane
32. Chloroform[3)]	**34.** 1,1,2-Trichloroethane
30. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B or toxic to reproduction category 1 or 2 [7)]	**31.** (a) Creosote; wash oil [1)] (b) Creosote oil; wash oil [1)] (c) Distillates (coal tar), naphthalene oils; naphthalene oil [1)] (d) Creosote oil, acenaphthene fraction; wash oil [1)] (e) Distillates (coal tar), upper; heavy anthracene oil [1)] (f) Anthracene oil [1)] (g) Tar acids, coal, crude; crude phenols [1)] (h) Creosote, wood [1)] (i) Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline [1)]
28. Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B or carcinogen category 1 or 2 [7)]	**29.** Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B or mutagen category 1 or 2 [7)]
26. Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT [2) 3)]	**27.** Nickel and ist compounds[3) 8)]
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 [2) 3)]	**25.** Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 [2) 3)]
22. Pentachlorophenol and its salts and esters [3) 9)]	**23.** Cadmium and its compounds [3)]
20. Organostannic compounds [3) 8)]	**21.** Di-µ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate $C_8H_{19}BO_3Sn$ (DBB) [3) 8)]
18a. Mercury [1) 3)]	**19.** Arsenic compounds [1) 3)]
17. Lead sulphates [3)]: (a) $PbSO_4$ (b) Pb_xSO_4	**18.** Mercury compounds [1) 3)]
15. 4-Aminobiphenyl xenylamine	**16.** Lead carbonates [3)]: (a) Neutral anhydrous carbonate ($PbCO_3$) (b) Trilead-bis(carbonate)-dihydroxide 2Pb CO_3 -$Pb(OH)_2$
13. Benzidine and ist salts [7)]	**14.** 4-Nitrobiphenyl
11. Volatile esters of bromoacetic acids[1)]: (a) Methyl bromoacetate (b) Ethyl bromoacetate (c) Propyl bromoacetate (d) Butyl bromoacetate	**12.** 2-Naphthylamine and ist salts [7)]
9. (a) Soap bark powder (Quillaja saponaria) and its derivatives containing saponines [1)] (b) Powder of the roots of Helleborus viridis and Helleborus niger [1)] (c) Powder of the roots of Veratrum album and Veratrum nigrum [1)] (d) Benzidine and/or its derivatives [1)] (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)phosphinoxide [1) 6)]	**8.** Polybromobiphenyls; Polybrominatedbiphenyls (PBB)[1) 6)]
5. Benzene	**6.** Asbestos fibres [4)] (a) Crocidolite (b) Amosite (c) Anthophyllite (d) Actinolite (e) Tremolite (f) Chrysotile

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008[1)]	**4.** Tris (2,3 dibromopropyl) phosphate [1) 6)]
1. Polychlorinated terphenyls (PCTs)[3) 7)]	**2.** Chloroethene (vinyl chloride)[1)]

[1)] N/A the restriction does not apply to this article
[2)] Not tested
[3)] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.
[4)] Relevant compounds based on XRF Screening: test results for Al and Si. For a statement regarding the actual presence of asbestos further testing is required.
[5)] One isomer was tested as representative for substance group.
[6)] Applies to textile articles
[7)] Selected substances were evaluated as representatives
[8)] See Chapter " Global Compliance Acceptance Criteria (banned and controlled Substances)"
[9)] Regulation (EU) No 2020/2096: entries 22, 67, 68 have been deleted (more severe restrictions are laid down for those substances in Regulation (EU) 2019/1021 POP)

6 Test Results PAH

PAH[1)]	FD1184	FD1185	FD1186	FD1187
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

PAH[1)]	FD1188	FD1189	FD1190	FD1191
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

PAH[1)]	FD1192	FD1193	FD1194	FD1195
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

PAH[1)]	FD1196	FD1197	FD1198	FD1199
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

PAH[1)]	FD1200	FD1201	FD1202	FD1203
Benz[a]anthracene (µg/g)	ND	ND	ND	ND
Chrysene (µg/g)	ND	ND	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

PAH[1)]	FD1204	FD1205
Benz[a]anthracene (µg/g)	ND	ND
Chrysene (µg/g)	ND	ND
Benzo[b]fluoranthene (µg/g)	ND	ND
Benzo[k]fluoranthene (µg/g)	ND	ND
Benzo[j]fluoranthene (µg/g)	ND	ND
Benzo[e]pyrene (µg/g)	ND	ND
Benzo[a]pyrene (µg/g)	ND	ND
Dibenz[a,h]anthracene (µg/g)	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	**Pass**	**Pass**

ND: Not detected
[1)] REACH Screening results.

7 Composition of fraction samples

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	17.00	FD1184	FB2304-00	21-313 Smart Phone XT2201-1, Backside cover	8.73%	17.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	11.41	FD1185	FB2311-01	21-313 Smart Phone XT2201-1, Black plastic cover 1	2.43%	4.72
				FB2338-02	21-313 Smart Phone XT2201-1, Metal housing, Plastic frame	3.44%	6.69

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	7.91	FD1186	FB2305-01	21-313 Smart Phone XT2201-1, Camera frame	0.65%	1.27
				FB2308-02	21-313 Smart Phone XT2201-1, NFC foil	1.35%	2.63
				FB2320-01	21-313 Smart Phone XT2201-1, Black plastic cover 2	0.56%	1.08

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	1.69	FD1187	FB2301-01	21-313 Smart Phone XT2201-1, SIM Card holder, Plastic mold	0.11%	0.21
				FB2314-05	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic housing	0.05%	0.10
				FB2314-06	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 2	0.06%	0.11
				FB2314-14	21-313 Smart Phone XT2201-1, Backside camera 1, Clear plastic lenses	0.06%	0.11
				FB2315-03	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 1	0.07%	0.13
				FB2315-09	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 3	0.04%	0.09
				FB2315-13	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic housing	0.09%	0.17
				FB2315-19	21-313 Smart Phone XT2201-1, Backside camera 2, Clear plastic lenses	0.07%	0.13
				FB2326-03	21-313 Smart Phone XT2201-1, Bottom speaker, Black plastic housing	0.27%	0.52
				FB2334-02	21-313 Smart Phone XT2201-1, Black plastic insert	0.07%	0.13

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.61	FD1188	FB2305-03	21-313 Smart Phone XT2201-1, Camera frame, Light guide	0.04%	0.07
				FB2313-01	21-313 Smart Phone XT2201-1, Front camera, Black plastic frame	0.03%	0.05
				FB2313-03	21-313 Smart Phone XT2201-1, Front camera, Black plastic housing	0.03%	0.07
				FB2313-06	21-313 Smart Phone XT2201-1, Front camera, Clear plastic lenses	0.02%	0.04
				FB2314-03	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 1	0.03%	0.07
				FB2314-07	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic frame 3	0.03%	0.06
				FB2315-08	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic frame 2	0.04%	0.08
				FB2316-01	21-313 Smart Phone XT2201-1, Backside camera 3, Black plastic frame 1	0.03%	0.06
				FB2319-08	21-313 Smart Phone XT2201-1, Top Speaker, Black plastic frame	0.02%	0.04
				FB2335-01	21-313 Smart Phone XT2201-1, Mute button	0.04%	0.07

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.13	FD1189	FB2313-07	21-313 Smart Phone XT2201-1, Front camera, Black plastic rings	0.00%	0.01
				FB2314-12	21-313 Smart Phone XT2201-1, Backside camera 1, Black plastic mold	0.01%	0.02
				FB2315-06	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic mold 1	0.01%	0.02
				FB2315-22	21-313 Smart Phone XT2201-1, Backside camera 2, Black plastic ring	0.00%	0.01
				FB2316-03	21-313 Smart Phone XT2201-1, Backside camera 3, Black plastic frame 2	0.01%	0.02
				FB2316-04	21-313 Smart Phone XT2201-1, Backside camera 3, Clear plastic lenses	0.00%	0.01
				FB2316-06	21-313 Smart Phone XT2201-1, Backside camera 3, Plastic ring	0.00%	0.01
				FB2319-06	21-313 Smart Phone XT2201-1, Top Speaker, Membrane	0.00%	0.01
				FB2321-06	21-313 Smart Phone XT2201-1, White connection cable 2, Black plastic inlay	0.00%	0.00
				FB2326-15	21-313 Smart Phone XT2201-1, Bottom speaker, Black plastic frame	0.02%	0.04

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.01	FD1190	FB2309-05	21-313 Smart Phone XT2201-1, Camera lens housing, Black net	0.00%	0.00
				FB2311-09	21-313 Smart Phone XT2201-1, Black plastic cover 1, Yellow rubber pad, Black net	0.00%	0.00
				FB2312-06	21-313 Smart Phone XT2201-1, White connection cable 1, Black plastic inlay	0.00%	0.00
				FB2314-15	21-313 Smart Phone XT2201-1, Backside camera 1, Foil rings	0.00%	0.00
				FB2315-10	21-313 Smart Phone XT2201-1, Backside camera 2, White balls	0.00%	0.00
				FB2315-11	21-313 Smart Phone XT2201-1, Backside camera 2, Yellow balls	0.00%	0.00
				FB2315-12	21-313 Smart Phone XT2201-1, Backside camera 2, Gray balls	0.00%	0.00
				FB2315-20	21-313 Smart Phone XT2201-1, Backside camera 2, Foil rings	0.00%	0.00
				FB2316-05	21-313 Smart Phone XT2201-1, Backside camera 3, Foil rings	0.00%	0.00
				FB2322-06	21-313 Smart Phone XT2201-1, Blue connection cable, Black plastic inlay	0.00%	0.00
				FB2323-06	21-313 Smart Phone XT2201-1, Black connection cable, Black plastic inlay	0.00%	0.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	8.38	FD1191	FB2333-01	21-313 Smart Phone XT2201-1, Back foil	1.33%	2.58
				FB2333-02	21-313 Smart Phone XT2201-1, Copper foil	2.98%	5.80

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	2.82	FD1192	FB2302-01	21-313 Smart Phone XT2201-1, Black glue 1	0.07%	0.14
				FB2302-03	21-313 Smart Phone XT2201-1, Black glue foil 1	0.15%	0.29
				FB2302-05	21-313 Smart Phone XT2201-1, Black glue foil 3	0.63%	1.23
				FB2303-04	21-313 Smart Phone XT2201-1, Thermal paste	0.14%	0.27
				FB2317-05	21-313 Smart Phone XT2201-1, Main PWB, Copper glue strip 1	0.08%	0.16
				FB2317-06	21-313 Smart Phone XT2201-1, Main PWB, Copper glue strip 2	0.07%	0.15
				FB2317-07	21-313 Smart Phone XT2201-1, Main PWB, Thermal paste	0.06%	0.11
				FB2317-08	21-313 Smart Phone XT2201-1, Main PWB, Black glue foil	0.12%	0.23
				FB2326-18	21-313 Smart Phone XT2201-1, Bottom speaker, White powder	0.07%	0.13
				FB2330-02	21-313 Smart Phone XT2201-1, Metallic glue strips 1+2	0.05%	0.11

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.74	FD1193	FB2303-07	21-313 Smart Phone XT2201-1, Clear glue strip 2	0.04%	0.07
				FB2303-08	21-313 Smart Phone XT2201-1, White glue strip	0.04%	0.07
				FB2305-02	21-313 Smart Phone XT2201-1, Camera frame, Black glue	0.04%	0.08
				FB2309-04	21-313 Smart Phone XT2201-1, Camera lens housing, Black glue	0.04%	0.07
				FB2311-05	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pads 3	0.04%	0.09
				FB2315-01	21-313 Smart Phone XT2201-1, Backside camera 2, Copper glue strip	0.03%	0.06
				FB2320-02	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black shock pads	0.03%	0.07
				FB2330-03	21-313 Smart Phone XT2201-1, Metallic shock pads 1+3	0.04%	0.08
				FB2332-01	21-313 Smart Phone XT2201-1, Display LED Flex, Metallic/black glue strips	0.03%	0.07
				FB2332-03	21-313 Smart Phone XT2201-1, Display LED Flex, Metallic glue strip 1	0.05%	0.10

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.39	FD1194	FB2302-04	21-313 Smart Phone XT2201-1, Black glue foil 2	0.03%	0.05
				FB2302-06	21-313 Smart Phone XT2201-1, Blackglue strip 1	0.03%	0.05
				FB2302-07	21-313 Smart Phone XT2201-1, Blackglue strip 2	0.02%	0.03
				FB2303-06	21-313 Smart Phone XT2201-1, Clear glue strip 1	0.03%	0.05
				FB2309-03	21-313 Smart Phone XT2201-1, Camera lens housing, Black shock pads	0.01%	0.03
				FB2314-01	21-313 Smart Phone XT2201-1, Backside camera 1, Copper glue strip	0.01%	0.03
				FB2321-03	21-313 Smart Phone XT2201-1, White connection cable 2, White cable jacket 2	0.02%	0.03
				FB2322-01	21-313 Smart Phone XT2201-1, Blue connection cable, Blue cable jacket	0.03%	0.05
				FB2322-03	21-313 Smart Phone XT2201-1, Blue connection cable, White cable jacket	0.02%	0.03
				FB2323-03	21-313 Smart Phone XT2201-1, Black connection cable, White cable jacket	0.02%	0.04

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.22	FD1195	FB2317-09	21-313 Smart Phone XT2201-1, Main PWB, Black rubber cover	0.01%	0.02
				FB2319-12	21-313 Smart Phone XT2201-1, Top Speaker, Black shock pad 2	0.01%	0.02
				FB2321-01	21-313 Smart Phone XT2201-1, White connection cable 2, White cable jacket 1	0.01%	0.03
				FB2323-01	21-313 Smart Phone XT2201-1, Black connection cable, Black cable jacket	0.01%	0.03
				FB2324-04	21-313 Smart Phone XT2201-1, SUB PWB 1, Copper glue strip	0.01%	0.02
				FB2326-09	21-313 Smart Phone XT2201-1, Bottom speaker, Membrane	0.01%	0.02
				FB2326-10	21-313 Smart Phone XT2201-1, Bottom speaker, Clear glue	0.01%	0.03
				FB2326-11	21-313 Smart Phone XT2201-1, Bottom speaker, White net 2	0.01%	0.02
				FB2330-01	21-313 Smart Phone XT2201-1, Copper glue strip	0.01%	0.02
				FB2332-04	21-313 Smart Phone XT2201-1, Display LED Flex, Metallic glue strip 2	0.01%	0.02

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.12	FD1196	FB2301-04	21-313 Smart Phone XT2201-1, SIM Card holder, Black rubber seal ring	0.01%	0.01
				FB2302-02	21-313 Smart Phone XT2201-1, Black glue 2	0.01%	0.01
				FB2311-03	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pad 1	0.01%	0.02
				FB2311-04	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black shock pads 2	0.01%	0.01
				FB2311-10	21-313 Smart Phone XT2201-1, Black plastic cover 1, Black glue foil	0.01%	0.01
				FB2324-05	21-313 Smart Phone XT2201-1, SUB PWB 1, Black rubber seal	0.00%	0.01
				FB2326-06	21-313 Smart Phone XT2201-1, Bottom speaker, Black shock pads	0.01%	0.01
				FB2330-05	21-313 Smart Phone XT2201-1, Black shock pad 1	0.01%	0.01
				FB2330-07	21-313 Smart Phone XT2201-1, Black net	0.01%	0.02
				FB2335-02	21-313 Smart Phone XT2201-1, Mute button, Black rubber insert	0.01%	0.02

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.06	FD1197	FB2303-01	21-313 Smart Phone XT2201-1, Label 1	0.00%	0.00
				FB2308-01	21-313 Smart Phone XT2201-1, NFC foil, Label	0.00%	0.01
				FB2311-11	21-313 Smart Phone XT2201-1, Black plastic cover 1, Label	0.00%	0.01
				FB2312-01	21-313 Smart Phone XT2201-1, White connection cable 1, White outer cable jacket	0.00%	0.01
				FB2312-03	21-313 Smart Phone XT2201-1, White connection cable 1, White inner cable jacket	0.00%	0.01
				FB2319-09	21-313 Smart Phone XT2201-1, Top Speaker, Black shock pad 1	0.00%	0.01
				FB2319-11	21-313 Smart Phone XT2201-1, Top Speaker, Black nets	0.00%	0.01
				FB2324-06	21-313 Smart Phone XT2201-1, SUB PWB 1, Label	0.00%	0.00
				FB2327-01	21-313 Smart Phone XT2201-1, Vibra call, Metallic glue strip	0.00%	0.01
				FB2330-06	21-313 Smart Phone XT2201-1, Black shock pad 2	0.00%	0.01

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.02	FD1198	FB2301-03	21-313 Smart Phone XT2201-1, SIM Card holder, Label	0.00%	0.00
				FB2303-02	21-313 Smart Phone XT2201-1, Label 2	0.00%	0.00
				FB2303-03	21-313 Smart Phone XT2201-1, Label 3	0.00%	0.00
				FB2311-06	21-313 Smart Phone XT2201-1, Black plastic cover 1, Red rubber pad	0.00%	0.00
				FB2311-08	21-313 Smart Phone XT2201-1, Black plastic cover 1, Yellow rubber pad	0.00%	0.00
				FB2313-04	21-313 Smart Phone XT2201-1, Front camera, Copper glue strip	0.00%	0.00
				FB2319-10	21-313 Smart Phone XT2201-1, Top Speaker, Blue glue	0.00%	0.00
				FB2320-03	21-313 Smart Phone XT2201-1, Black plastic cover 2, Label	0.00%	0.00
				FB2320-06	21-313 Smart Phone XT2201-1, Black plastic cover 2, Yellow rubber pad	0.00%	0.00
				FB2332-02	21-313 Smart Phone XT2201-1, Display LED Flex, Label	0.00%	0.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.01	FD1199	FB2303-05	21-313 Smart Phone XT2201-1, Humidity indicator	0.00%	0.00
				FB2311-07	21-313 Smart Phone XT2201-1, Black plastic cover 1, Red rubber pad, Black glue strip	0.00%	0.00
				FB2313-05	21-313 Smart Phone XT2201-1, Front camera, Metallic shock pad	0.00%	0.00
				FB2313-08	21-313 Smart Phone XT2201-1, Front camera, Black foil rings	0.00%	0.00
				FB2320-07	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black net	0.00%	0.00
				FB2330-04	21-313 Smart Phone XT2201-1, Metallic shock pads 2	0.00%	0.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.01	FD1200	FB2317-10	21-313 Smart Phone XT2201-1, Main PWB, Humidity indicator	0.00%	0.00
				FB2320-05	21-313 Smart Phone XT2201-1, Black plastic cover 2, Black glue strip	0.00%	0.00
				FB2324-07	21-313 Smart Phone XT2201-1, SUB PWB 1, Yellow glue strips	0.00%	0.00
				FB2326-07	21-313 Smart Phone XT2201-1, Bottom speaker, White net 1	0.00%	0.00
				FB2326-08	21-313 Smart Phone XT2201-1, Bottom speaker, Blue glue strip	0.00%	0.00
				FB2334-01	21-313 Smart Phone XT2201-1, Black plastic insert, Metallic gkue strip	0.00%	0.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	6.31	FD1201	FB2318-01	21-313 Smart Phone XT2201-1, Battery, Outer foil	1.06%	2.07
				FB2318-15	21-313 Smart Phone XT2201-1, Battery, White foil	2.18%	4.24

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	1.33	FD1202	FB2318-02	21-313 Smart Phone XT2201-1, Battery, Black platsic cover	0.13%	0.25
				FB2318-03	21-313 Smart Phone XT2201-1, Battery, Black glue strip 1	0.02%	0.04
				FB2318-04	21-313 Smart Phone XT2201-1, Battery, Black glue strip 2	0.03%	0.06
				FB2318-05	21-313 Smart Phone XT2201-1, Battery, Clear glue strip 1	0.05%	0.10
				FB2318-06	21-313 Smart Phone XT2201-1, Battery, Clear glue strip 2	0.03%	0.05
				FB2318-07	21-313 Smart Phone XT2201-1, Battery,White glue strip	0.01%	0.02
				FB2318-08	21-313 Smart Phone XT2201-1, Battery, Paper glue strip	0.01%	0.03
				FB2318-09	21-313 Smart Phone XT2201-1, Battery, Blue glue strips	0.03%	0.06
				FB2318-10	21-313 Smart Phone XT2201-1, Battery, Yellow glue strips	0.34%	0.67
				FB2318-11	21-313 Smart Phone XT2201-1, Battery, Green glue strips	0.03%	0.05

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	18.29	FD1203	FB2317-11	21-313 Smart Phone XT2201-1, Main PWB	6.06%	11.79
				FB2318-19	21-313 Smart Phone XT2201-1, Battery, Flex	0.70%	1.37
				FB2324-08	21-313 Smart Phone XT2201-1, SUB PWB 1	0.59%	1.15
				FB2325-00	21-313 Smart Phone XT2201-1, SUB PWB 2	0.60%	1.16
				FB2332-05	21-313 Smart Phone XT2201-1, Display LED Flex	0.54%	1.05
				FB2333-03	21-313 Smart Phone XT2201-1, Flex foil	0.91%	1.77

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	3.63	FD1204	FB2307-00	21-313 Smart Phone XT2201-1, Antenna Flex	0.30%	0.59
				FB2310-00	21-313 Smart Phone XT2201-1, Flashlight PWB	0.11%	0.22
				FB2314-17	21-313 Smart Phone XT2201-1, Backside camera 1, Flex 2	0.10%	0.20
				FB2315-24	21-313 Smart Phone XT2201-1, Backside camera 2, Flex 2	0.36%	0.70
				FB2316-07	21-313 Smart Phone XT2201-1, Backside camera 3, Flex	0.08%	0.15
				FB2328-00	21-313 Smart Phone XT2201-1, PWB connection Flex 1	0.24%	0.46
				FB2329-00	21-313 Smart Phone XT2201-1, PWB connection Flex 2	0.43%	0.83
				FB2336-00	21-313 Smart Phone XT2201-1, Mute button Flex	0.10%	0.19
				FB2337-00	21-313 Smart Phone XT2201-1, Power button Flex	0.15%	0.29

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
21-313 Smart Phone XT2201-1	194.67	0.42	FD1205	FB2313-09	21-313 Smart Phone XT2201-1, Front camera, Flex	0.07%	0.13
				FB2314-16	21-313 Smart Phone XT2201-1, Backside camera 1, Flex 1	0.01%	0.01
				FB2315-23	21-313 Smart Phone XT2201-1, Backside camera 2, Flex 1	0.06%	0.12
				FB2319-14	21-313 Smart Phone XT2201-1, Top Speaker, Flex 1	0.00%	0.00
				FB2319-15	21-313 Smart Phone XT2201-1, Top Speaker, Flex 2	0.00%	0.01
				FB2319-16	21-313 Smart Phone XT2201-1, Top Speaker, Flex 3	0.01%	0.03
				FB2326-21	21-313 Smart Phone XT2201-1, Bottom speaker, Flex 1	0.01%	0.03
				FB2327-08	21-313 Smart Phone XT2201-1, Vibra call, Flex	0.05%	0.10

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