

**VDE Prüfbericht / VDE Test Report**

Prüfbericht Nr. <i>Report No.</i> .....	319129-TL7-2		
VDE-Aktenzeichen <i>VDE File No.</i> .....	5022428-9021-0109/319129		
Ausstellungsdatum <i>Date of issue</i> .....	2024-06-17		
Labor <i>Laboratory</i> .....	VDE Prüf- und Zertifizierungsinstitut GmbH		
Adresse <i>Address</i> .....	Merianstrasse 28 63069 Offenbach/Main; Germany		
Prüfört / Adresse <i>Testing location/ address</i> .....	VDE Prüf- und Zertifizierungsinstitut GmbH		
Auftraggeber <i>Applicant's name</i> .....	Motorola Mobility LLC		
Auftraggeber Adresse <i>Applicant's address</i> .....	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA		
Angewandte Norm(en) <i>Applied standard(s)</i> .....	Motorola W18 V6		
	2011/65/EU & 2015/863/EU(RoHS)		
	1907/2006/EC § 33 (REACH, SVHC)		
	1907/2006/EC Annex XIV (REACH, Authorisation List)		
	1907/2006/EC Annex XVII (REACH, List of restrictions)		
Art der Prüflinge <i>Test item description</i> .....	Smart Phone		
Warenzeichen <i>Trade Mark</i> .....	Motorola/Lenovo		
Typenbezeichnungen(en) <i>Type reference(s)</i> .....	XT2433 Series		
Bemessungsdaten <i>Ratings</i> .....			
Zustand des Prüfmusters <i>Test sample condition</i> .....	<input checked="" type="checkbox"/>	Unbeschädigtes Prüfmuster <i>Non-damaged sample</i>	
		Bemerkung / Remark:	
Wareneingang Prüfmuster <i>Sample entry date</i> .....	2024-04-17		
Datum der Durchführung der Prüfungen <i>Date (s) of performance of tests</i> .....	2024-04-17 - 2024-06-13		

Prüfbericht Nr. <i>Report No.:</i>	319129-TL7-2	Seite <i>Page</i>	1	von <i>of</i>	77
<b>Haftungsausschluss / Disclaimer:</b>					
<p>Dieser Prüfbericht enthält das Ergebnis einer einmaligen Untersuchung an dem zur Prüfung vorgelegten Erzeugnis. Ein Muster dieses Erzeugnisses wurde geprüft, um die Übereinstimmung mit den nachfolgend aufgeführten Normen bzw. Abschnitten von Normen festzustellen. Der Prüfbericht berechtigt Sie nicht zur Benutzung eines Zertifizierungszeichens des VDE und berücksichtigt ausschließlich die Anforderungen der unten genannten Regelwerke. Wenn gegenüber Dritten auf diesen Prüfbericht Bezug genommen wird, muss dieser Prüfbericht in voller Länge an gleicher Stelle verfügbar gemacht werden. <i>This test report contains the result of a singular investigation carried out on the product submitted. A sample of this product was tested to found the accordance with the thereafter listed standards or clauses of standards resp. The test report does not entitle for the use of a VDE Certification Mark and considers solely the requirements of the specifications mentioned below. Whenever reference is made to this test report towards third party, this test report shall be made available on the very spot in full length.</i></p>					



Geprüft und ausgestellt von: <i>Tested by</i> .....	Annabell Strey		
Name / <i>Name</i> , Unterschrift / <i>Signature</i> .....:	(Autorisierung des Prüfberichtes <i>Authorization of test report</i> )	A. Strey	
Funktion / <i>Function</i> .....	Prüfingenieur / <i>Testing engineer</i>		
Überprüft von / <i>Approved by</i> .....:			
Name / <i>Name</i> , Unterschrift / <i>Signature</i> .....:	Beatrice Duchardt	B. Duchardt	
Funktion / <i>Function</i> .....	Fachzertifizierer / <i>Technical Certification Officer</i>		

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

Durchgeführte Prüfungen / <i>Performed tests</i>			
Abschnitt <i>Clause</i>	Prüfanforderungen / <i>Requirement + Test</i>	Ergebnis – Anmerkung <i>Result – Remark</i>	Beurteilung <i>Verdict</i>
	Motorola W18 V6	Substances detected	
	2011/65/EU & 2015/863/EU(RoHS)	Pass	P
	1907/2006/EC § 33 (REACH, SVHC)	Substances detected	No reporting required*
	1907/2006/EC Annex XIV (REACH, Authorisation List)	No Substances detected	
	1907/2006/EC Annex XVII (REACH, List of restrictions)	Substances detected	
<b>Ergänzende Information / <i>Supplementary information:</i></b>			
* 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 lead.			
Dieser Prüfbericht Testreport-319129-TL7-2 ersetzt den Prüfbericht Testreport-319129-TL7-1. Das Bild von Probe GF2398-00 wurde korrigiert. / <i>This test report Testreport-319129-TL7-2 replaces test report Testreport-319129-TL7-1. The photo of sample GF2398-00 was corrected.</i>			



Allgemeine Bemerkungen / *General Remarks:*

**Konformitätserklärung / *Conformity statement:***

Die VDE-Entscheidungsregel für die Konformitätserklärung entspricht dem IEC Guide 115:2023 /

*The VDE decision rule for the statement of conformity is in accordance with IEC Guide 115:2023*

Prüf- und Messmittel / *Testing and measuring equipment:*

Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro XEPOS XC (XC) Inv. No. 1150667 Spectro XEPOS HE (XL) Inv. No. 1150529 Spectro XEPOS HE (XR) Inv. No. 1150796	IEC 62321-3-1:2013
Polymers	Infrared Spectrometry (IR) Bruker ALPHA (IR1) Inv. No. 1150578 Bruker INVENIO S (IR2) Inv. No. 1150787	Inhouse Method SOP TL72 0214 Version 1
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-1:2015
Pb, Br Localization	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro Midex (M1) Inv. No. 1150728 Spectro Midex (M3) Inv. No. 1150774 Spectro Midex (M4) Inv. No. 1150776 Bruker M4 Tornado Inv. No. 1150719	IEC 62321-3-1:2013
REACH SVHC / Annex XIV / Annex XVII Substances Headspace screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (HS-GC2) Inv. No. 5211104	Inhouse method according to DIN TS 51012:2020-4
REACH SVHC / Annex XIV / Annex XVII Substances screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse method according to DIN TS 51012:2020-4
Phthalates	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse Method
PAH	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	AfPS GS 2019:01 PAK IEC 62321-10/CD



## Contents Directory

<b>1</b>	<b>Description of the Sample (EUT)</b> .....	<b>6</b>
<b>2</b>	<b>Assessment summary of substances according to 12G02897W18</b> .....	<b>7</b>
<b>2.1</b>	<b>Global Compliance Acceptance Criteria (banned and controlled Substances)</b> .....	<b>7</b>
<b>2.2</b>	<b>Items that only use Homogeneous Materials</b> .....	<b>9</b>
<b>2.3</b>	<b>Non Homogeneous items that require attention on the sub item level</b> .....	<b>10</b>
<b>2.4</b>	<b>Phthalates in fractions</b> .....	<b>10</b>
<b>3</b>	<b>Material Assay Screening Results</b> .....	<b>11</b>
<b>4</b>	<b>Results EDXRF Scan</b> .....	<b>38</b>
<b>5</b>	<b>Summary REACH 1907/2006/EC screening results</b> .....	<b>55</b>
<b>5.1</b>	<b>Identified SVHC, Annex XIV and Annex XVII substances in Article</b> .....	<b>56</b>
<b>5.2</b>	<b>List of SVHC and Annex XIV substances</b> .....	<b>60</b>
<b>5.3</b>	<b>List of REACH Annex XVII substances</b> .....	<b>65</b>
<b>6</b>	<b>Test Results PAH</b> .....	<b>68</b>
<b>7</b>	<b>Composition of fraction samples</b> .....	<b>69</b>

## 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 <sup>1)</sup>
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 <sup>1)</sup>
Halogenated dioxins and furans	For indicator element Cl and Br see chapter 3 <sup>1)</sup>
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 <sup>1)</sup>
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 <sup>1)</sup>
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in <u>wood products</u> as a preservative [3]	For indicator element As see chapter 3 <sup>1)</sup>
Bisphenol-A [4]	n.d. see chapter 5
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in "portable" batteries	n.d. see chapter 3
Chromium (VI) compounds	n.d. see chapter 3
Chromium (VI) compounds in leather and textiles	n.a. (no leather and textiles)
Cobalt Dichloride	For indicator element Co see chapter 3 <sup>1)</sup>
Creosotes	For indicator substances (Anthracene, Benzo[a]pyrene etc.) see chapter 5
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	n.d. see chapter 3, 5
Diisononyl Phthalate (DINP)	n.d. see chapter 3, 5
Formaldehyde	n.a. (no Composite Wood Products, textiles, washing or cleaning agents, cosmetic care products)
Lead and lead compounds	<b>detected</b> see chapter 3 <sup>1)</sup>
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	<b>detected</b> see chapter 3 <sup>2)</sup>
Nonylphenol ethoxylate [7]	n.d. see chapter 5
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 5



Substances	Results
Polybrominated biphenyls (PBBs)	n.d. see chapter 3
Polybrominated diphenyl ethers (PBDEs)	n.d. see chapter 3
Perchlorates-Lithium Perchlorate, Magnesium Perchlorate, Zinc Perchlorate [5]	n.a. (no perchlorate Batteries)
Perfluoro alkyl sulfonates (PFAS), and derivatives (including PFOS)	n.t.
Perfluorooctanoic Acids	n.t.
Persistent Organic Pollutants (POP)	n.t. For indicator elements Br and Cl see chapter 3 <sup>1)</sup>
Poly Vinyl Chloride (PVC) vinyl chloride monomer in External Cables	n.d. see chapter 3 and 5
Certain short and medium chained chlorinated paraffins	n.d. (SCCP, MCCP - see chapter 3)
REACH Authorised and Restricted Substances not otherwise listed	<b>detected</b> , see Chapter 5
REACH Authorised and Restricted Substances not otherwise listed – Entry 20 Organostannic compounds [6]	Sn < 0.1% <sup>1)</sup>
REACH Authorised and Restricted Substances not otherwise listed – Entry 21 Di-μ-oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C <sub>8</sub> H <sub>19</sub> BO <sub>3</sub> Sn (DBB)	Sn < 0.04 % <sup>1)</sup> (DBB < 0.1%)
REACH Authorised and Restricted Substances not otherwise listed – Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	n.d. See Chapter 6
REACH Candidate List Substances not otherwise listed	<b>detected</b> , 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 <sup>1)</sup>

[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/cm<sup>2</sup>/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

<sup>1)</sup> Relevant compounds based on XRF Screening test results. For the speciation of the substances, further testing could be required

<sup>2)</sup> Not in surface preparations of products intended to come into direct and prolonged contact with the skin.

<sup>3)</sup> Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.






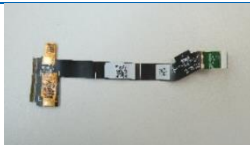
Following materials of concern according to Motorola 12G02897W18 rev. V6 were identified that exceed the thresholds according to Appendix C Section 5 for controlled and banned substances.

## 2.2 Items that only use Homogeneous Materials

Sample Item	Description	Photo	Material of Concern (Concentration) <sup>1)</sup>	Does that rating make use of an Exemption	Sub Item level acceptance rating
GF2391-03	24-116 Smart Phone XT2433-2, Metal housing, Metal rings		Pb ( $2.3 \pm 0.9\%$ = $23000 \pm 9000$ ppm)	Pb in copper alloy Exemption 6(c)	Pass, exemption applicable

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

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

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) <sup>1)</sup>	Does that rating make use of an Exemption	Sub Item level acceptance rating
GF2378-15	24-116 Smart Phone XT2433-2, Main PWB		PWB (100%) <sup>2)</sup>	<b>Pb</b>	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GF2381-06	24-116 Smart Phone XT2433-2, SUB PWB		PWB (100%) <sup>2)</sup>	<b>Pb</b>	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GF2386-01	24-116 Smart Phone XT2433-2, Battery, Flex		PWB (100%) <sup>2)</sup>	<b>Pb</b>	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GF2389-00	24-116 Smart Phone XT2433-2, Display connection flex		PWB (100%) <sup>2)</sup>	<b>Pb</b>	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable

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



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

### 2.4 Phthalates in fractions

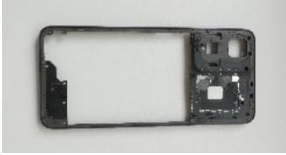
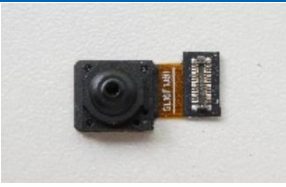
None

### 3 Material Assay Screening Results

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2363-00	24-116 Smart Phone XT2433-2, SIM Card holder		0.441	0.23%				
GF2363-01	24-116 Smart Phone XT2433-2, SIM Card holder, Label				0.23%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S K Ca V Fe Ni Zn; Trace: Cl Mn Co Cu Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2363-02	24-116 Smart Phone XT2433-2, SIM Card holder, Black seal				1.13%	PUR	Other: Al Si P S Cl K Ca Fe Co; Trace: Ni Cu Zn Sn.	Reportable: Al Fe Co P;
GF2363-03	24-116 Smart Phone XT2433-2, SIM Card holder, Black plastic part				38.10%	PC	Main: Ca; Other: Al Si P S K Ti Fe Co; Trace: Cl V Cr Mn Ni Cu Zn Sr Zr.	Reportable: Al Fe Co Si P;
GF2363-04	24-116 Smart Phone XT2433-2, SIM Card holder, Metal frame				60.54%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Sr Nb Sn Sb Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2364-00	24-116 Smart Phone XT2433-2, Backside cover		7.611	4.06%		PET 80% PMMA 20%	Other: Al Si P S Cl Ca Nb Ba; Trace: K Fe Cu Sr Zr.	Reportable: Al Ba;
GF2365-00	24-116 Smart Phone XT2433-2, Light guide		0.031	0.02%		PMMA	Other: Al Si P S Ca; Trace: Cl K Fe Ni.	Reportable: Al;
GF2366-00	24-116 Smart Phone XT2433-2, Power button flex		0.254	0.14%				
GF2366-01	24-116 Smart Phone XT2433-2, Power button flex, Black rubber plate				9.45%	TPU	Other: Al Si P S Cl Ca; Trace: K Ti Mn Fe Ni Cu Zn.	Reportable: Al Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2366-02	24-116 Smart Phone XT2433-2, Power button flex				90.55%		Other: Al Si P S Cl Ca; Trace: K Ti Mn Fe Ni Cu Zn.  See x, y – Scan (Chapter 4)	Reportable: Al Si P;
GF2367-00	24-116 Smart Phone XT2433-2, NFC flex		0.206	0.11%				
GF2367-01	24-116 Smart Phone XT2433-2, NFC flex				83.50%		Main: Si S Cu Ba; Other: Al P Cl K Ca Ti Ni Zn Sr Zr Ta; Trace: Ga Nb Mo La Ce U.	Reportable: Al Cu Ba Si P;
GF2367-02	24-116 Smart Phone XT2433-2, NFC flex, White glue				16.50%	Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Co Sb Ba Hf W.	Reportable: Al Fe Co Cu Zn P; Controlled: Ni.
GF2368-00	24-116 Smart Phone XT2433-2, Antenna flex 1- 6		0.277	0.15%				
GF2368-01	24-116 Smart Phone XT2433-2, Antenna flex 1				34.30%		Main: Si P Ni Cu; Other: Al S Cl Ca Fe Zr Ta Au; Trace: K Cr Mn Ga Ge Sn Sb Cs Ba La Ce Tl.	Reportable: Al Fe Cu Ta Au Si P; Controlled: Ni.
GF2368-02	24-116 Smart Phone XT2433-2, Antenna flex 2				8.66%		Main: Cu; Other: Al Si P S Ca Ti Fe Ni Zn Zr; Trace: Cl K V Cr Mn Ga Sn Sb Ba Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2368-03	24-116 Smart Phone XT2433-2, Antenna flex 3				5.78%		Main: Cu; Other: Al Si P S Ca Fe Ni Zn Zr Ta; Trace: Cl K Ti Cr Mn Ga Sn Sb I Ba La.	Reportable: Al Fe Cu Zn Ta P;
GF2368-04	24-116 Smart Phone XT2433-2, Antenna flex 4				30.69%		Main: Si Ni Cu; Other: Al P S Cl Ca Fe Zr Ta Au; Trace: K Ti Cr Mn Ga Sb Cs Ba La Ce Tl.	Reportable: Al Fe Cu Ta Au Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2368-05	24-116 Smart Phone XT2433-2, Antenna flex 5				14.80%		Main: Cu; Other: Al Si P S Cl Ca Fe Ni Zn Zr Ta; Trace: K Ti Cr Mn Ga Sn Sb I Cs Ba La Ce Tl.	Reportable: Al Fe Cu Zn Ta Si P; Controlled: Ni.
GF2368-06	24-116 Smart Phone XT2433-2, Antenna flex 6				5.78%		Main: Cu; Other: Al Si P S Cl K Ca Ti Fe Ni Zn Zr Ta; Trace: V Cr Mn Ga Sn Sb Ba Tl.	Reportable: Al Fe Cu Zn Ta P;
GF2369-00	24-116 Smart Phone XT2433-2, Flashlight PWB		0.186	0.10%			Main: Si S Ni Cu Ba; Other: Al P Cl K Ca Ti Sr Sn Au; Trace: Ge Y Nb Mo Ag I Ce Pb.  See x, y – Scan (Chapter 4)	Reportable: Al Cu Sn Ba Au Si P; Controlled: Ni.
GF2370-00	24-116 Smart Phone XT2433-2, Volume button		0.083	0.04%				
GF2370-01	24-116 Smart Phone XT2433-2, Volume button				97.59%	PC	Other: Al Si P S Cl K Ca Ti; Trace: V Mn Fe Ni Cu Zn Sn Cs.	Reportable: Al Si P;
GF2370-02	24-116 Smart Phone XT2433-2, Volume button, Black rubber part				2.41%	PUR	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Cu Zn Hf.	Reportable: Al Fe P;
GF2371-00	24-116 Smart Phone XT2433-2, Glass camera covers		0.374	0.20%			Main: Al Si P K; Other: S Cl Ca Ti Zn Zr Sn; Trace: Fe Ga Hf W.	Reportable: Al Zn Sn Si P;
GF2372-00	24-116 Smart Phone XT2433-2, Camera covers plastic frame		1.536	0.82%				
GF2372-01	24-116 Smart Phone XT2433-2, Camera covers plastic frame				69.34%	PC	Other: Al Si P S Ca; Trace: Cl K Fe Ni.	Reportable: Al P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>		
GF2372-02	24-116 Smart Phone XT2433-2, Camera covers plastic frame, Plastic rings				27.99%	PC	Other: Al Si P S Ca; Trace: Cl K Fe.	Reportable: Al P;		
GF2372-03	24-116 Smart Phone XT2433-2, Camera covers plastic frame, Black glue				2.67%	Acrylic	Other: Al Si P S Cl K Ca Fe Cu Zn; Trace: Co Ni.	Reportable: Al Fe Co Zn;		
GF2373-00	24-116 Smart Phone XT2433-2, Black plastic frame				8.877	4.73%				
GF2373-01	24-116 Smart Phone XT2433-2, Black plastic frame, Metal plate				23.58%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu Zn Mo; Trace: Al Cl Ge As Nb Sn Ba Pr.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.		
GF2373-02	24-116 Smart Phone XT2433-2, Black plastic frame				76.42%	PC	Main: Si; Other: Al P S Cl K Ca Ti; Trace: Fe Cu Sn.	Reportable: Al Si;		
GF2374-00	24-116 Smart Phone XT2433-2, Front camera		0.265	0.14%						
GF2374-01	24-116 Smart Phone XT2433-2, Front camera, Black plastic lenses holder				21.89%	PC	Other: Al Si P S Ca Fe; Trace: Cl K Co Ni Cu Zn Ba.	Reportable: Al Fe Co;		
GF2374-02	24-116 Smart Phone XT2433-2, Front camera, Black plastic frame				11.70%	PA	Main: Si S Ca Ti; Other: Al P Cl K V Mn Fe Cu Zn Ba; Trace: Ni Sr Zr Nb Sb La Ce Ta.	Reportable: Al Fe Cu Zn Ba Si P;		
GF2374-03	24-116 Smart Phone XT2433-2, Front camera, Black metal ring				3.02%		Main: S Cu Zn; Other: Al Si P Cl K Ti Fe Ge Bi; Trace: Ca Mn Ni As Y Ba Th.	Reportable: Al Fe Cu Zn Bi;		
GF2374-04	24-116 Smart Phone XT2433-2, Front camera, Foil rings				0.38%	PET	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Hf.	Reportable: Al Fe Co Si P;		
GF2374-05	24-116 Smart Phone XT2433-2, Front camera, Blue glass			6.42%		Main: P S Ca Cu Zn Ba; Other: Al Si K Ti La Ce Hf; Trace: Cl V Cr Mn Ga Sr Sn Sb Te I Cs.	Reportable: Al Cu Zn Ba La Ce Si P;			


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2374-06	24-116 Smart Phone XT2433-2, Front camera, Lenses				8.30%		Other: Al Si P S Ca Ti; Trace: Cl K Fe Ni Cu.	Reportable: Al Si;
GF2374-07	24-116 Smart Phone XT2433-2, Front camera, Flex				48.30%		Main: Si P S Ni Cu; Other: Al Cl K Ca Ti Co Sr Zr Pd Ag Sn Ba Au; Trace: Mn Fe Ge Y Nb La Pb U.  See x, y – Scan (Chapter 4)	Reportable: Al Co Cu Pd Ag Sn Ba Au Si P; Controlled: Ni.
GF2375-00	24-116 Smart Phone XT2433-2, Rear camera 1		0.295	0.16%				
GF2375-01	24-116 Smart Phone XT2433-2, Rear camera 1, Black plastic lenses holder				13.56%	Polyester	Other: Al Si P S Cl K Ca Fe Cu Ba; Trace: Ti Mn Ni.	Reportable: Al Fe Ba Si P;
GF2375-02	24-116 Smart Phone XT2433-2, Rear camera 1, Black plastic frame				28.47%	Polyester	Main: Si Ca; Other: Al P S Cl K Mn Fe Cu Ba; Trace: Ti V Cr Ni Zn Sr I Cs.	Reportable: Al Fe Cu Ba Si P;
GF2375-03	24-116 Smart Phone XT2433-2, Rear camera 1, Blue glass				5.42%		Main: Si P S Ca Ti Cu; Other: Al Cl K Mn Fe Sr Ba; Trace: V Ni Zn Sn Sb.	Reportable: Al Fe Cu Ba Si P;
GF2375-04	24-116 Smart Phone XT2433-2, Rear camera 1, Black foil rings				0.34%	PET	Main: Si P; Other: Al S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Sb.	Reportable: Al Fe Si P;
GF2375-05	24-116 Smart Phone XT2433-2, Rear camera 1, Lenses				16.61%	EP	Other: Al Si P S K Ca Ti; Trace: Cl Mn Fe Ni Cu.	Reportable: Al Si P;
GF2375-06	24-116 Smart Phone XT2433-2, Rear camera 1, Flex			35.59%		Main: Al Si P S Ni Cu; Other: Cl K Ca Ti Sr Y Zr Pd Sn Ba Au; Trace: Ge Nb I Cs Pb.  See x, y – Scan (Chapter 4)	Reportable: Al Cu Y Pd Sn Ba Au Si P; Controlled: Ni.	

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2376-00	24-116 Smart Phone XT2433-2, White connection cable		0.250	0.13%				
GF2376-01	24-116 Smart Phone XT2433-2, White connection cable, Metal contact holder				13.20%		Main: Ni Cu Sn; Other: Al Si P S K Ca Fe I Au; Trace: Cl Mn Ga Zr Ag Sb Ta.	Reportable: Al Fe Cu Sn Au P; Controlled: Ni.
GF2376-02	24-116 Smart Phone XT2433-2, White connection cable, Black plastic insert				0.40%	PBT	Main: S; Other: Al Si P Cl Ca Fe Ni; Trace: K Ti Cu Zn Sr Zr Sb.	Reportable: Al Fe P;
GF2376-03	24-116 Smart Phone XT2433-2, White connection cable, Contacts				0.40%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge Br Ba; Trace: Al Sr Y Zr Nb Sb.	Reportable: Cu Sn Ba Au; Controlled: Ni.
GF2376-04 <sup>3)</sup>	24-116 Smart Phone XT2433-2, White connection cable, Outer cable jacket				26.80%	PTFE	Other: Al Si P S Ca Ti Zn; Trace: Cl K V Fe Ni Cu Sn.	Reportable: Al Zn P;
GF2376-05	24-116 Smart Phone XT2433-2, White connection cable, Wire 1				43.20%		Main: Cu Sn; Other: Al Si P S Cl K Zn Nd; Trace: Fe Ga Ge Zr Nb Ba Yb Bi.	Reportable: Al Cu Zn Sn Nd;
GF2376-06 <sup>3)</sup>	24-116 Smart Phone XT2433-2, White connection cable, Inner cable jacket				12.40%	PTFE	Other: Al Si P S Ca Ti Fe Zn; Trace: Cl K V Mn Ni Cu.	Reportable: Al Fe Zn P;
GF2376-07	24-116 Smart Phone XT2433-2, White connection cable, Wire 2			3.60%		Main: S Cu Ag; Other: Al Si P Cl Ti Ni Zn; Trace: Ca Ge Br Sr Y Zr Nb Rh Sb Ba Yb U.	Reportable: Cu Ag;	
GF2377-00	24-116 Smart Phone XT2433-2, Rear camera 2		0.891	0.47%				
GF2377-01	24-116 Smart Phone XT2433-2, Rear camera 2, Metal frame				21.10%		Main: P Fe Ni; Other: S K Ca Mn; Trace: Al Si Co Sb Pr.	Reportable: Fe Co; Controlled: Ni.
GF2377-02	24-116 Smart Phone XT2433-2, Rear camera 2, Copper glue strip				3.14%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe Ta; Trace: Ti Mn Ga Ag Sn.	Reportable: Al Fe Cu Ta P; Controlled: Ni.



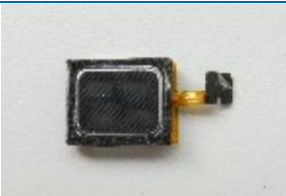


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2377-03	24-116 Smart Phone XT2433-2, Rear camera 2, Contact ring 1				0.11%		Main: Si P S Ni Cu Sn; Other: Cl Ca Zn Nb; Trace: Al Ti Ge Br Sr Y Zr Ba U.	Reportable: Cu Sn; Controlled: Ni.
GF2377-04	24-116 Smart Phone XT2433-2, Rear camera 2, Contact ring 2				0.11%		Main: Si P S Ni Cu Sn; Other: Cl K Ca Mn Nb; Trace: Al Ti Ge Br Y Zr Sb Ba U.	Reportable: Cu Sn; Controlled: Ni.
GF2377-05	24-116 Smart Phone XT2433-2, Rear camera 2, Contact ring 3				0.11%		Main: Si P S Ni Cu Sn; Other: Cl Ca Ti Mn Nb Ag Ba Pr; Trace: Al Ge Br Sr Y Zr Cs U.	Reportable: Cu Ag Sn Ba Pr; Controlled: Ni.
GF2377-06	24-116 Smart Phone XT2433-2, Rear camera 2, Contact ring 4				1.12%		Main: P S Ni Cu Zn; Other: Al Si Cl K Ca Fe Ba Au; Trace: Ti Mn Ge As Br Sr Y Zr Sb La.	Reportable: Al Fe Cu Zn Ba Au; Controlled: Ni.
GF2377-07	24-116 Smart Phone XT2433-2, Rear camera 2, Contacts				0.45%		Main: Si P S Ni Cu Sn; Other: Cl Ca Ti Mn Zn Nb Ag Ba; Trace: Al Br Y Zr Sb U.	Reportable: Cu Zn Ag Sn Ba; Controlled: Ni.
GF2377-08	24-116 Smart Phone XT2433-2, Rear camera 2, Copper wire				1.57%		Main: Si S Cu; Other: Al P Cl K Ti Zn Nd; Trace: Ca Mn Fe Ni Y Zr Nb Ba.	Reportable: Al Cu Zn Nd;
GF2377-09	24-116 Smart Phone XT2433-2, Rear camera 2, Black plastic lenses holder				8.98%	PC	Other: Al Si P S Ca Fe Ba; Trace: K Ti Ni Cu Sr.	Reportable: Al Fe Ba P;
GF2377-10	24-116 Smart Phone XT2433-2, Rear camera 2, Black plastic part				9.43%	Polyester	Main: Si Ca Ti; Other: Al P S Cl K V Mn Fe Ni Cu Zn Ba; Trace: Sr Zr Nb Sn I Cs La Ce Hf.	Reportable: Al Fe Cu Zn Ba Si P;
GF2377-11	24-116 Smart Phone XT2433-2, Rear camera 2, Black metal ring				2.81%		Main: Cu Zn Bi; Other: Al Si P S Cl K Fe Ge Sn Nd Th; Trace: Ca Ti Cr Mn Ni Ga As Ba U.	Reportable: Al Fe Cu Zn Sn Nd Bi;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2377-12	24-116 Smart Phone XT2433-2, Rear camera 2, Black plastic ring				0.11%	PC	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn.	Reportable: Al Fe Co P;
GF2377-13	24-116 Smart Phone XT2433-2, Rear camera 2, Magnets				10.21%		Main: Si Fe Ni Cu Pr; Other: Al S Cl K V Co Zn Y Zr Nb Mo Sn Th U; Trace: Ca Se Br Ru Rh In Ba Bi.	Reportable: Al Fe Co Cu Zn Y Sn Pr; Controlled: Ni.
GF2377-14	24-116 Smart Phone XT2433-2, Rear camera 2, Black foil rings				0.11%	PET	Other: Al Si P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn.	Reportable: Al Fe P;
GF2377-15	24-116 Smart Phone XT2433-2, Rear camera 2, Blue glass				2.13%		Main: Si P Ca Ti Cu Zn Ba; Other: Al S K Sn Ce Hf; Trace: Cl V Mn Ga Sr Sb Te I.	Reportable: Al Cu Zn Sn Ba Ce Si P;
GF2377-16	24-116 Smart Phone XT2433-2, Rear camera 2, Lenses				6.17%	SB	Other: Al Si Ca Ti; Trace: P S K Fe Ni Cu.	Reportable: Al Si;
GF2377-17	24-116 Smart Phone XT2433-2, Rear camera 2, Flex				32.32%		Main: Al Si P S Ca Cu; Other: Cl K Ti Co Ni Sr Zr Ag Sn Ba Ta W Au; Trace: Cr Fe Zn Ge Nb Mo Pd Cs La Pb.  See x, y – Scan (Chapter 4)	Reportable: Al Co Cu Ag Sn Ba Ta W Au Si P; Controlled: Ni.
GF2378-00	24-116 Smart Phone XT2433-2, Main PWB			17.119	9.12%			
GF2378-01	24-116 Smart Phone XT2433-2, Main PWB, Metal shielding 1				20.95%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Ag Sn Nd; Trace: Ca Cr Co Ga Ge As Se Y Zr Ba La Ce Pr Bi U.	Reportable: Al Fe Co Cu Zn Ag Sn Nd; Controlled: Ni.
GF2378-02	24-116 Smart Phone XT2433-2, Main PWB, Metal shielding 2				6.30%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu; Trace: Al Cl Zn Ge Ba Ce Pr U.	Reportable: Cr Fe Co Cu; Controlled: Ni.



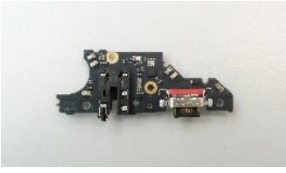
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2378-03	24-116 Smart Phone XT2433-2, Main PWB, Metal shielding 3				2.92%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Zn Au; Trace: Al Ge Mo Rh Sn Ba La.	Reportable: Cr Fe Co Cu Zn Au; Controlled: Ni.
GF2378-04	24-116 Smart Phone XT2433-2, Main PWB, Metal shielding 4				0.87%		Main: Ni Cu Sn; Other: Al Si P S Cl Fe Au; Trace: Ca Ti Ga Ge Zr Nb Ag I Nd.	Reportable: Al Fe Cu Sn Au; Controlled: Ni.
GF2378-05	24-116 Smart Phone XT2433-2, Main PWB, Metal pin				0.43%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Zn Mo; Trace: Al Ge As Br Nb Sb Ba Th U.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2378-06	24-116 Smart Phone XT2433-2, Main PWB, Copper glue strip				2.03%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe Ta; Trace: Mn Ga Zr Ru Rh Ag Sn U.	Reportable: Al Fe Cu Ta P; Controlled: Ni.
GF2378-07	24-116 Smart Phone XT2433-2, Main PWB, Black glue strip				1.08%	PET 80% Acrylic 20%	Other: Al Si P S Ca Cu; Trace: Cl K Fe Ni Zn Sb.	Reportable: Al Cu;
GF2378-08	24-116 Smart Phone XT2433-2, Main PWB, Metal shielding 5				0.04%		Main: P S Ni Cu Zn; Other: Al Si Cl Ca Ti Mn Ag Sn; Trace: Ge As Br Sr Y Zr Pd Sb Ba U.	Reportable: Al Cu Zn Ag Sn; Controlled: Ni.
GF2378-09	24-116 Smart Phone XT2433-2, Main PWB, Metal lever				0.15%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Nb Ba La Th U.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2378-10	24-116 Smart Phone XT2433-2, Main PWB, Contact 1				0.13%		Main: Si S Ni Cu Sn; Other: Al P Cl Ca Fe Nd Au; Trace: Ti Mn Ge Sr Zr Ag I La.	Reportable: Fe Cu Sn Nd Au; Controlled: Ni.
GF2378-11	24-116 Smart Phone XT2433-2, Main PWB, Contact 2				0.12%		Main: Ni Cu Sn; Other: Al Si P S Cl Fe Co Ag Au; Trace: Ca Ti Mn Ge As Sr Y Zr Nb Ba La.	Reportable: Al Fe 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. V6 Appendix C relevant compounds <sup>1)</sup>	
GF2378-12	24-116 Smart Phone XT2433-2, Main PWB, Thermal paste 1				2.37%	Silicone	Main: Al; Other: Si P Ca Fe Y; Trace: S K Ti V Cu Zn Ga.	Reportable: Al Fe Y Si P;	
GF2378-13	24-116 Smart Phone XT2433-2, Main PWB, Thermal paste 2				0.41%	Silicone	Main: Al Zn; Other: Si P S Cl Ca Fe W; Trace: K Ti Cu Ga Zr Sn Sb.	Reportable: Al Fe Zn W Si P;	
GF2378-14	24-116 Smart Phone XT2433-2, Main PWB, Black plastic part				0.30%	Polyester	Main: Si Fe; Other: Al P S K Ca Ti Ni Zn Rb Sr; Trace: Cl V Cr Mn Cu Ga Zr Nb Sn Ba.	Reportable: Al Fe Zn Rb Si P;	
GF2378-15	24-116 Smart Phone XT2433-2, Main PWB				61.90%		See x, y – Scan (Chapter 4)	<b>Controlled: Pb</b>	
GF2379-00	24-116 Smart Phone XT2433-2, Top Speaker			0.951	0.51%				
GF2379-01	24-116 Smart Phone XT2433-2, Top Speaker, Metal plate 1					21.35%		Main: P Fe Ni; Other: Al Cl K Ca Mn Zn Bi; Trace: Si S Cr Y Sb Ce Pr Nd Th U.	Reportable: Fe Zn Bi; Controlled: Ni.
GF2379-02	24-116 Smart Phone XT2433-2, Top Speaker, Metal frame 1					13.35%		Main: Cr Fe Ni Mo; Other: Si P S Cl K Ca V Mn Co Cu; Trace: Al Ge Nb Rh Sn Sb Ba La Pr W.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2379-03	24-116 Smart Phone XT2433-2, Top Speaker, Metal frame 2					9.67%		Main: S Fe Ni; Other: Si P Cl K Ca Cu Zn Ge; Trace: Al Ti Mn Co Y Ba Th U.	Reportable: Fe Co; Controlled: Ni.
GF2379-04	24-116 Smart Phone XT2433-2, Top Speaker, Silver membrane foil					0.32%	Metal 80% ASA 20%	Main: Al; Other: Si P S Ca Ti V Mn Fe Ni Cu Ga; Trace: Cl K Zn Zr Sn.	Reportable: Al Fe Cu P;
GF2379-05	24-116 Smart Phone XT2433-2, Top Speaker, Clear membrane foil					0.63%	PPS/PC	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Cr Mn Cu Sn Bi.	Reportable: Al Fe Si P;
GF2379-06	24-116 Smart Phone XT2433-2, Top Speaker, Black net 1				0.11%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Zn; Trace: Mn Cu Sn Sb.	Reportable: Al Fe P; Controlled: Ni.	



Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2379-07	24-116 Smart Phone XT2433-2, Top Speaker, Black net 2				0.11%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn; Trace: Mn Sb Hf.	Reportable: Al Fe P; Controlled: Ni.
GF2379-08	24-116 Smart Phone XT2433-2, Top Speaker, Magnet 1				19.56%		Main: Si Fe Zn Pr; Other: Al S Cl V Co Ni Cu Ga Ge Y Zr Nb Mo W Bi Th U; Trace: Ca Br Ru Rh In Sb Te Tl.	Reportable: Al Fe Co Cu Zn Y Pr W Bi;
GF2379-09	24-116 Smart Phone XT2433-2, Top Speaker, Magnets 2				18.30%		Main: Si Cl Fe Zn Pr; Other: Al S V Co Ni Cu Ga Ge Y Zr Nb Mo W Bi Th U; Trace: Ca Br Ru Rh In Sb Tl.	Reportable: Al Fe Co Cu Zn Y Pr W Bi;
GF2379-10	24-116 Smart Phone XT2433-2, Top Speaker, Black glue strip				0.11%	Acrylic	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Sn Sb Hf.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.
GF2379-11	24-116 Smart Phone XT2433-2, Top Speaker, Blue glue				0.11%	Acrylic	Main: Si P; Other: Al S Cl K Ca Fe Ni Cu Zn Sn; Trace: Ti Mn Co Nb.	Reportable: Al Fe Co Cu Sn Si P; Controlled: Ni.
GF2379-12	24-116 Smart Phone XT2433-2, Top Speaker, Black plastic part				4.10%	PA	Main: Si Ca; Other: Al P S K Ti Fe; Trace: Cl V Cr Mn Ni Cu Zn Sr Zr Sn Ba La Ce Bi.	Reportable: Al Fe Si P;
GF2379-13	24-116 Smart Phone XT2433-2, Top Speaker, Metal plate 2				6.62%		Main: P Fe Ni; Other: S Cl K Ca Mn; Trace: Al Si Cr Co Sn Pr Nd.	Reportable: Fe Co; Controlled: Ni.
GF2379-14	24-116 Smart Phone XT2433-2, Top Speaker, Flex				5.57%		Main: Ca Ni Cu; Other: Al Si P S Cl K Co Zn Zr Sn; Trace: Ti Cr Ge Y Nb Ag La.  See x, y – Scan (Chapter 4)	Reportable: Al Co Cu Sn Si P; Controlled: Ni.
GF2379-15	24-116 Smart Phone XT2433-2, Top Speaker, Clear glue strip				0.11%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Sn.	Reportable: Al Fe Zn P;

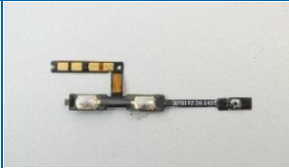

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2380-00	24-116 Smart Phone XT2433-2, Bottom Speaker		2.527	1.35%				
GF2380-01	24-116 Smart Phone XT2433-2, Bottom Speaker, Metal plate 1				19.63%		Main: Cr Mn Fe Ni; Other: Si P S K Ca V Co Cu Mo; Trace: Al Cl Zn Ge As Nb Rh Ba Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2380-02**	24-116 Smart Phone XT2433-2, Bottom Speaker, Metal plate 2				23.15%		Main: Fe Zn; Other: Al Si P S Cl K Cr Mn Co; Trace: Ca Ti Ni Cu Ga Ge Zr Nb Mo Tl.	Reportable: Cr Fe Co Zn;
GF2380-03	24-116 Smart Phone XT2433-2, Bottom Speaker, Black plastic part				24.06%	PC	Main: Si P Ca; Other: Al S Cl K Ti Fe; Trace: V Cr Mn Ni Zn Sr Zr Ba.	Reportable: Al Fe Si P;
GF2380-04	24-116 Smart Phone XT2433-2, Bottom Speaker, Copper wire				3.01%		Main: Si P S Cu Ag; Other: Cl Ca Ni Zn; Trace: Al Ti Br Sr Y Zr Nb Rh Ba U.	Reportable: Cu Zn Ag; Controlled: Ni.
GF2380-05	24-116 Smart Phone XT2433-2, Bottom Speaker, Contacts				1.15%		Main: Si P S Cr Mn Fe Ni Sn; Other: Cl Ca Cu Zn Mo Ag Au; Trace: Al V Co Ge As Y Zr Nb Rh Cs Ba Th.	Reportable: Cr Fe Co Cu Zn Ag Sn Au; Controlled: Ni.
GF2380-06	24-116 Smart Phone XT2433-2, Bottom Speaker, Silver membrane foil				0.51%	Metal 80% Acrylic 20%	Main: Al Fe; Other: Si P S Ca V Mn Ni Cu Zn Ga; Trace: Cl K Ti Mo Ta.	Reportable: Al Fe Cu P;
GF2380-07	24-116 Smart Phone XT2433-2, Bottom Speaker, Magnet				17.97%		Main: Fe Zn Pr; Other: Al Si S Cl Mn Co Cu Ga Ge Y Zr Nb Nd W U; Trace: Ca Cr Mo Ru Rh Sn Ti Bi Th.	Reportable: Al Fe Co Cu Zn Y Pr Nd W;
GF2380-08**	24-116 Smart Phone XT2433-2, Bottom Speaker, Metal plate 3				9.42%		Main: Fe Zn; Other: Al Si P S Cl K Cr Mn Co Cu Nd; Trace: Ca Ti Ni Ga Ge Zr Mo Sn Sb Ba La Ce Pr Ti Bi.	Reportable: Al Cr Fe Co Cu Zn Nd;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>		
GF2380-09	24-116 Smart Phone XT2433-2, Bottom Speaker, Clear membrane foil		1.382	0.74%		Acrylic	Other: Al Si P S K Ca Fe Ni Zn; Trace: Cl Mn Cu Sn.	Reportable: Al Fe Zn P;		
GF2380-10	24-116 Smart Phone XT2433-2, Bottom Speaker, Black shock pad 1					PUR 60% PET 20% Acrylic 20%	Other: Al Si P S K Ca Fe Ni Zn; Trace: Cl Ti Mn Co Cu Sb.	Reportable: Al Fe Co Zn Si P;		
GF2380-11	24-116 Smart Phone XT2433-2, Bottom Speaker, Black shock pad 2					PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Mn Cu Zn Sb.	Reportable: Al Fe P; Controlled: Ni.		
GF2381-00	24-116 Smart Phone XT2433-2, SUB PWB									
GF2381-01	24-116 Smart Phone XT2433-2, SUB PWB, Black plastic part						10.93%	PPA/GF	Main: Al Si P Ca; Other: S Cl K Ti Fe Sn; Trace: V Cr Mn Ni Cu Zn Sr Zr Ba.	Reportable: Al Fe Sn Si P;
GF2381-02	24-116 Smart Phone XT2433-2, SUB PWB, Metal shielding 1						2.10%		Main: S Ni Cu Zn Sn; Other: Al Si P Cl Mn Fe Ag Ba Nd; Trace: Ca Ti Ge As Zr La.	Reportable: Al Fe Cu Zn Ag Sn Ba Nd; Controlled: Ni.
GF2381-03	24-116 Smart Phone XT2433-2, SUB PWB, Metal shielding 2						0.43%		Main: P S Ni Cu Zn Sn; Other: Si Cl Mn Ge Pd Ag La; Trace: Al Ca Ti Fe As Br Sr Y Zr Ba Ce Pr Bi Th U.	Reportable: Cu Zn Pd Ag Sn La; Controlled: Ni.
GF2381-04	24-116 Smart Phone XT2433-2, SUB PWB, Contacts 1						2.60%		Main: P S Cr Mn Fe Ni Au; Other: Si Cl Ca V Cu Zn Ge Mo Ag Sn; Trace: Al Co Sb La.	Reportable: Cr Fe Co Cu Ag Sn Au; Controlled: Ni.
GF2381-05	24-116 Smart Phone XT2433-2, SUB PWB, Contacts 2						2.46%		Main: P S Ni Cu Zn; Other: Al Si Cl Ag Nd Au; Trace: Ca V Mn Fe Ge Zr Nb Ba La Ce Pr.	Reportable: Cu Ag Sn Nd Au; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2381-06	24-116 Smart Phone XT2433-2, SUB PWB				81.48%		Main: Si S Fe Cu Sn Ba; Other: Al Cl K Ca Ti Cr Mn Ni Zn Sr Zr Mo Ag Au; Trace: V Co Br Y Nb Pd La Pb U.  See x, y – Scan (Chapter 4)	Reportable: Al Cr Fe Co Cu Zn Ag Sn Ba Au Si; <b>Controlled: Ni Pb.</b>
GF2382-00	24-116 Smart Phone XT2433-2, Black connection cable		0.174	0.09%				
GF2382-01	24-116 Smart Phone XT2433-2, Black connection cable, Metal contact holder				16.09%		Main: P Ni Cu Sn; Other: Al Si S Cl Ca Ti Nd Au; Trace: V Cr Mn Fe Ge Zr Nb Ag I.	Reportable: Al Cu Sn Nd Au; Controlled: Ni.
GF2382-02	24-116 Smart Phone XT2433-2, Black connection cable, Black plastic insert				0.57%	PBT	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Co Cu Zn Sr Sn.	Reportable: Al Fe Co P;
GF2382-03	24-116 Smart Phone XT2433-2, Black connection cable, Contacts				0.57%		Main: Si P S Cl Ni Cu Sn Au; Other: K Ca Ti Ge Br Ba; Trace: Al Y Zr Nb Sb.	Reportable: Cu Sn Ba Au; Controlled: Ni.
GF2382-04 <sup>3)</sup>	24-116 Smart Phone XT2433-2, Black connection cable, Outer cable jacket				22.41%	PTFE	Other: Al Si P S Ca Fe Cu Sn; Trace: Cl K Ni Zn.	Reportable: Al Fe Cu P;
GF2382-05	24-116 Smart Phone XT2433-2, Black connection cable, Wire 1				25.29%		Main: Cu Sn; Other: Al Si P S Cl Zn; Trace: K Ca Fe Ga Ge Zr Nb Cs Pr Nd Bi U.	Reportable: Al Cu Sn;
GF2382-06 <sup>3)</sup>	24-116 Smart Phone XT2433-2, Black connection cable, Inner cable jacket				24.71%	PTFE	Other: Al Si P S Ca Ti; Trace: Cl K V Fe Co Ni Cu.	Reportable: Al Co P;
GF2382-07	24-116 Smart Phone XT2433-2, Black connection cable, Wire 2				10.34%		Main: S Cu Ag; Other: Al Si P Cl Zn Nd; Trace: Ca Ti Mn Fe Ni Y Zr Nb Rh Sb I Cs Ba Yb U.	Reportable: Al Cu Ag Nd;



Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2383-00	24-116 Smart Phone XT2433-2, Connection flex 2		0.014	0.01%				
GF2383-01	24-116 Smart Phone XT2433-2, Connection flex 2				85.71%		Main: Si Cu; Other: Al P S Ca Ti Fe Ni Zn Zr Ta; Trace: Cl K Cr Mn Ga Sb I Cs Ba.	Reportable: Al Fe Cu Ta Si P; Controlled: Ni.
GF2383-02	24-116 Smart Phone XT2433-2, Connection flex 2, Clear glue strip					14.29%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Zr Ag Sn Sb.
GF2384-00	24-116 Smart Phone XT2433-2, Vibra call		0.886	0.47%				
GF2384-01	24-116 Smart Phone XT2433-2, Vibra call, Metal housing 1				26.07%		Main: P Fe Ni; Other: Al Si S Cl K Ca Cr Mn Zn Sn; Trace: Y La Nd Bi Th U.	Reportable: Cr Fe Sn; Controlled: Ni.
GF2384-02	24-116 Smart Phone XT2433-2, Vibra call, Metal housing 2				19.75%		Main: P Fe Ni; Other: Al S Cl K Ca Mn Cu; Trace: Si Cr Zn As Mo Sn Ba Nd Th U.	Reportable: Fe Cu; Controlled: Ni.
GF2384-03	24-116 Smart Phone XT2433-2, Vibra call, Magnet				25.17%		Main: Fe Ni Cu Ce Pr; Other: Al Si S Cl Y Zr Nb Mo La U; Trace: Ca V Co Ge Se Br Rb Rh In Bi Th.	Reportable: Al Fe Co Cu Y La Ce Pr; Controlled: Ni.
GF2384-04	24-116 Smart Phone XT2433-2, Vibra call, Copper wire				8.35%		Main: S Cu; Other: Al Si P Cl K Zn Nd; Trace: Ca Ti Mn Fe Ni Ga Ge Zr Nb Ba Bi U.	Reportable: Al Cu Zn Nd;
GF2384-05	24-116 Smart Phone XT2433-2, Vibra call, Metal part				12.64%		Main: S Co Ni W; Other: Si P Cl K Ca Ti Fe Cu Ge Nd; Trace: Al Cr Mn Ga Ru Rh In Cs Ba.	Reportable: Fe Co Nd W; Controlled: Ni.
GF2384-06	24-116 Smart Phone XT2433-2, Vibra call, Metal ring			1.69%		Main: Si P S Fe Cu Sn; Other: Cl Ca Ti Ni Zn; Trace: Al Br Y Zr Nb Sb I Ce Yb U.	Reportable: Fe Cu Zn Sn; Controlled: Ni.	

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2384-07	24-116 Smart Phone XT2433-2, Vibra call, White plastic part				3.61%	PBT	Main: Si Ca; Other: Al P S Cl K Ti Fe Ni; Trace: V Mn Cu Zn Ga Sr Zr Ba W.	Reportable: Al Fe Si P;
GF2384-08	24-116 Smart Phone XT2433-2, Vibra call, Flex 1				2.14%		Main: Al Si S Ca Ni Cu Ba; Other: P Cl K Ti Fe Sr W Au; Trace: Co Ge Br Y Zr Nb La Ce Pb.  See x, y – Scan (Chapter 4)	Reportable: Al Fe Co Cu Ba W Au Si P; Controlled: Ni.
GF2384-09	24-116 Smart Phone XT2433-2, Vibra call, Flex 2				0.45%		Main: Al Si P S Ni Cu; Other: Cl K Ca Fe Zr Pd Ag Sn Au; Trace: Ti Cr Mn Ge Nb Mo Ba.  See x, y – Scan (Chapter 4)	Reportable: Al Fe Cu Pd Ag Sn Au Si P; Controlled: Ni.
GF2384-10	24-116 Smart Phone XT2433-2, Vibra call, Metal pin				0.11%		Main: P S Cr Fe; Other: Si Cl K Ca Ti Ni Cu Zn Mo Ba Th; Trace: Al Br Sr Y Zr Nb Sb U.	Reportable: Cr Fe Cu Zn Ba; Controlled: Ni.
GF2385-00	24-116 Smart Phone XT2433-2, Volume button flex		0.157	0.08%			Main: Cr Fe Ni Cu; Other: Al Si P S Cl K Ca Ti V Mn Co Au Th; Trace: Zn Ge Br Rb Sr Y Zr Mo Sn Sb Cs Tl U.  See x, y – Scan (Chapter 4)	Reportable: Al Cr Fe Co Cu Au Si; Controlled: Ni.
GF2386-00	24-116 Smart Phone XT2433-2, Battery		62.665	33.39%				
GF2386-01	24-116 Smart Phone XT2433-2, Battery, Flex				0.90%		Main: Al P Cu; Other: Si S Cl K Ca Ti Ni Zr Ag Sn Ba; Trace: Fe Zn Ga Sr Y Nb Mo Pb.  See x, y – Scan (Chapter 4)	Reportable: Al Cu Ag Sn Ba Si P; <b>Controlled: Pb</b>
GF2386-02	24-116 Smart Phone XT2433-2, Battery, Black glue strips 1				0.33%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti Mn Ni Cu Zn Sn.	Reportable: Al Fe Si P;



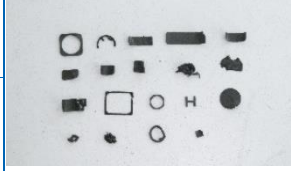


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2386-03	24-116 Smart Phone XT2433-2, Battery, Black shock pad 1				0.07%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Mn Cu Zn Sr Sb.	Reportable: Al Fe Si P;
GF2386-04	24-116 Smart Phone XT2433-2, Battery, Black shock pad 2				0.07%	Silicone 60% PET 20% Acrylic 20%	Main: Si; Other: P S K Ca Fe; Trace: Cl Ti Mn Ni Zn Sr Sb.	Reportable: Fe Si P;
GF2386-05	24-116 Smart Phone XT2433-2, Battery, Black/White glue strip				0.05%	PET 40% PAI 40% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe; Trace: V Ni Cu Zn Nb Sn Sb.	Reportable: Al Fe;
GF2386-06	24-116 Smart Phone XT2433-2, Battery, Outer foil				3.79%	Metal 70% PP 15% PA 15%	Main: Al Fe; Other: Si P S Cl K Ca Cr Co Ga; Trace: Ti V Mn Ni Cu Zn Zr Cs.	Reportable: Al Cr Fe Co P;
GF2386-07	24-116 Smart Phone XT2433-2, Battery, Silver foil				8.43%		Main: Al; Other: Si P S Ca Fe Co Cu; Trace: K Ti V Mn Ni Zn Ga.	Reportable: Al Fe Co Cu;
GF2386-08	24-116 Smart Phone XT2433-2, Battery, Copper foil				10.30%		Main: Cu; Other: Al P S Cl K Cr Co Zn Nd; Trace: Si Ca Mn Fe Ni Ga Ge Y Zr Nb Cs Ba La Ce Bi.	Reportable: Al Cr Co Cu Nd;
GF2386-09	24-116 Smart Phone XT2433-2, Battery, White foil				6.55%	PE	Main: Al P S; Other: Si Ca Fe Co Cu Ta; Trace: Cl K Ni Zn Ga Sb.	Reportable: Al Fe Co Cu Ta P;
GF2386-10	24-116 Smart Phone XT2433-2, Battery, Green glue strips 1				0.31%	PET	Main: Co; Other: Al Si P S Cl K Ca Ti Fe Cu Y Sb; Trace: V Mn Zn Zr.	Reportable: Al Fe Co Cu Y Sb P;
GF2386-11	24-116 Smart Phone XT2433-2, Battery, Green glue strips 2				0.07%	PET 80% Acrylic 20%	Main: P Ti Co Ni Zn; Other: Al Si S Ca V Fe Cu Ce; Trace: Cl K Cr Mn Y Zr Nb Sb.	Reportable: Al Fe Co Cu Zn Ce P; Controlled: Ni.
GF2386-12	24-116 Smart Phone XT2433-2, Battery, Green glue strips 3				0.07%	PET	Main: Co; Other: Al Si P S K Ca Ti Fe Cu Y; Trace: Cl V Mn Zn Ga Zr Sb.	Reportable: Al Fe Co Cu Y P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2386-13	24-116 Smart Phone XT2433-2, Battery, Green glue strips 4				0.32%	PET	Main: Co; Other: Al Si P S K Ca Ti Fe Cu Y; Trace: Cl Mn Zr Sn Sb.	Reportable: Al Fe Co Cu Y P;
GF2386-14	24-116 Smart Phone XT2433-2, Battery, Blue glue strips				0.09%	PET 80% SB 20%	Main: Co; Other: Al Si P S Cl K Ca Fe Cu; Trace: Ti Mn Ni Zn Y Sb Yb.	Reportable: Al Fe Co Cu P;
GF2386-15**	24-116 Smart Phone XT2433-2, Battery, Contact 1				0.07%		Main: Al; Other: Si P S K Ca Cr Fe Co; Trace: Cl Ti V Mn Ni Cu Zn Ga.	Reportable: Al Cr Fe Co;
GF2386-16	24-116 Smart Phone XT2433-2, Battery, Contact 2				0.23%		Main: Ni; Other: Al P S K Ca Ti Fe Cu Nd; Trace: Si Cl Cr Mn Co Ge Rh Ba Ti Bi.	Reportable: Al Fe Co Cu Nd; Controlled: Ni.
GF2386-17	24-116 Smart Phone XT2433-2, Battery, Carbon coating				68.35%		Main: Co Cu; Other: Al P S Ca Fe Y; Trace: Si Cl K Ti V Mn Zr La.	Reportable: Al Fe Co Cu Y P;
GF2387-00	24-116 Smart Phone XT2433-2, Connection flex 1		0.491	0.26%			Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Zr Sn Ba Ta; Trace: Cr Zn Ga Y Nb Mo Ag I Cs La Ce.  See x, y – Scan (Chapter 4)	Reportable: Al Cu Sn Ba Ta Si; Controlled: Ni.
GF2388-00	24-116 Smart Phone XT2433-2, Display LED flex		0.069	0.04%			Main: Al Si Ti Cu Sn; Other: P S Cl K Ca Ni Ga Zr Ag Ta Au; Trace: Cr Mn Fe Co Br Rb Nb Pd.  See x, y – Scan (Chapter 4)	Reportable: Al Co Cu Ag Sn Ta Au Si P; Controlled: Ni.
GF2389-00	24-116 Smart Phone XT2433-2, Display connection flex		0.690	0.37%			Main: P Ti Ni Cu Sn Ba Au; Other: Al Si S Cl K Ca Ge Y Zr Ag I Pb; Trace: Co Sr Nb Pd La U.  See x, y – Scan (Chapter 4)	Reportable: Al Co Cu Y Ag Sn Ba Au Si P; <b>Controlled: Ni Pb.</b>

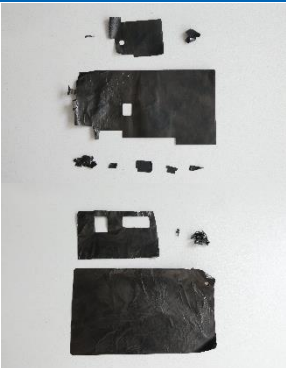


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>	
GF2390-00	24-116 Smart Phone XT2433-2, Front glass		29.186	15.55%					
GF2390-01	24-116 Smart Phone XT2433-2, Front glass				98.02%		Main: Al Si K; Other: P S Cl Ca Sr Sn I Ba; Trace: Ti Fe Ga Zr In Cs La Ce U.	Reportable: Al Sn Ba Si P;	
GF2390-02	24-116 Smart Phone XT2433-2, Front glass, Back foil					1.98%	PBT 80% Acrylic 20%	Other: Al Si P S K Ca Ti I; Trace: Cl Fe Ni Cu Sn Sb.	Reportable: Al;
GF2391-00	24-116 Smart Phone XT2433-2, Metal housing		26.450	14.09%					
GF2391-01	24-116 Smart Phone XT2433-2, Metal housing, Black glue strip 1					0.00%	PBT 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Co Ni Cu Zn; Trace: Ti Cr Zr Sn Sb.	Reportable: Al Fe Co Cu Zn Si P; Controlled: Ni.
GF2391-02	24-116 Smart Phone XT2433-2, Metal housing, Black glue strip 2					0.00%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Co Ni Cu Zn; Trace: Ti Mn Sb.	Reportable: Al Fe Co Si P;
GF2391-03	24-116 Smart Phone XT2433-2, Metal housing, Metal rings					0.39%		Main: Cu Zn Pb; Other: Al Si P S Cl Ti Fe Ni Sn Sb Nd Bi; Trace: Ca Cr Mn Ga Ge Ag.	Reportable: Al Fe Cu Zn Sn Sb Nd Bi; <b>Controlled: Ni Pb.</b>
GF2391-04	24-116 Smart Phone XT2433-2, Metal housing, Black plastic part					16.02%	PC	Main: Ca; Other: Al Si P S Cl K Fe; Trace: Ti Ni Zn Sr Zr Ba.	Reportable: Al Fe Si P;
GF2391-05**	24-116 Smart Phone XT2433-2, Metal housing				83.59%		Main: Al Si; Other: P S Cl K Ca Ti Cr Mn Fe Cu Zn Sr; Trace: V Ni Ga Zr Pb.	Reportable: Al Cr Fe Cu Zn;	
GF2392-00	24-116 Smart Phone XT2433-2, Display assembly		17.957	9.57%					
GF2392-01	24-116 Smart Phone XT2433-2, Display assembly, Display metal plate					48.45%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu Mo; Trace: Al Cl Zn Ge As Sn Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GF2392-02	24-116 Smart Phone XT2433-2, Display assembly, Reflection foil 1					6.94%	PET	Main: Ti; Other: Al Si P S K Ca Ag Sb; Trace: V Fe Ni Zn Zr Nb Rh Pd Ba.	Reportable: Al Ag Sb;


Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2392-03	24-116 Smart Phone XT2433-2, Display assembly, Polarization foil				5.55%	PET	Main: P Zr; Other: Al Si S Ca Fe Ni Y Sb Hf; Trace: Cl K Cu Ga Sr Nb Cs W Bi.	Reportable: Al Fe Y Sb Si P;
GF2392-04	24-116 Smart Phone XT2433-2, Display assembly, Diffuser plate				24.75%	PC	Other: Al Ca; Trace: Si P S K Fe.	Reportable: Al;
GF2392-05	24-116 Smart Phone XT2433-2, Display assembly, Diffuser foil 1				3.89%	PET 80% PMMA 20%	Other: Al Si P S Ca Ti Sb; Trace: K V Fe Ni Zr.	Reportable: Al Sb;
GF2392-06	24-116 Smart Phone XT2433-2, Display assembly, Diffuser foil 2				7.92%	PET 80% PMMA 20%	Main: P Zr; Other: Al Si S Ca Fe Y Sb Hf; Trace: Cl K Ni Cu Ga Sr Nb W Bi.	Reportable: Al Fe Y Sb Si P;
GF2392-07	24-116 Smart Phone XT2433-2, Display assembly, Reflection foil 2				2.49%	PC/PET 80% Acrylic 20%	Other: Al P K Ca; Trace: Si S Cl Mn Fe Co Ni Cu Zn Sb Ce.	Reportable: Al Co;
GF2393-00	24-116 Smart Phone XT2433-2, Black net 1, 2+3		0.003	0.00%				
GF2393-01	24-116 Smart Phone XT2433-2, Black net 1				33.33%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Cr Mn Co Cu Zn Sb.	Reportable: Al Fe Co P;
GF2393-02	24-116 Smart Phone XT2433-2, Black net 2+3				66.67%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn Sb.	Reportable: Al Fe P;
GF2394-00	24-116 Smart Phone XT2433-2, Black shock pad 1-20		1.107	0.59%				
GF2394-01	24-116 Smart Phone XT2433-2, Black shock pad 1				87.71%	PUR 60% PET 20% Acrylic 20%	Main: Si Ca; Other: Al P S Cl K Fe Ni; Trace: Mn Cu Sr Sb.	Reportable: Al Fe Si P;
GF2394-02	24-116 Smart Phone XT2433-2, Black shock pad 2				0.63%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S K Ca Fe Ni; Trace: Cl Ti Co Cu Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-03	24-116 Smart Phone XT2433-2, Black shock pad 3				0.09%	PUR	Other: Al Si P S Cl K Ca Fe Ni; Trace: Mn Cu Zn.	Reportable: Al Fe Si P; Controlled: Ni.







Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2394-04	24-116 Smart Phone XT2433-2, Black shock pad 4				0.81%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Ca Fe Ni; Trace: Cl K Mn Co Cu Zn Ga Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-05	24-116 Smart Phone XT2433-2, Black shock pad 5				1.90%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Co Cu Zn Ga Sb.	Reportable: Al Fe Co; Controlled: Ni.
GF2394-06	24-116 Smart Phone XT2433-2, Black shock pad 6				0.72%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Ca Fe Ni; Trace: Cl K Mn Co Cu Zn Ga Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-07	24-116 Smart Phone XT2433-2, Black shock pad 7				0.54%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Co Cu Zn Ga Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-08	24-116 Smart Phone XT2433-2, Black shock pad 8				0.72%	PUR 80% PET 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Co Cu Zn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GF2394-09	24-116 Smart Phone XT2433-2, Black shock pad 9				0.63%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Ni; Trace: Fe Co Cu Zn Sb.	Reportable: Al Co Si; Controlled: Ni.
GF2394-10	24-116 Smart Phone XT2433-2, Black shock pad 10				1.63%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Mn Co Ni Cu Yb Hf.	Reportable: Al Fe Co Zn P; Controlled: Ni.
GF2394-11	24-116 Smart Phone XT2433-2, Black shock pad 11				0.45%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Mn Co Zn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GF2394-12	24-116 Smart Phone XT2433-2, Black shock pad 12				1.45%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Co Cu Zn Ga Sb.	Reportable: Al Fe Co Si; Controlled: Ni.
GF2394-13	24-116 Smart Phone XT2433-2, Black shock pad 13				0.36%	PUR 60% PET 20% Acrylic 20%	Main: P; Other: Al Si S K Ca Fe Ni Zn; Trace: Ti Mn Cu Ag Sn Sb.	Reportable: Al Fe Zn P; Controlled: Ni.
GF2394-14	24-116 Smart Phone XT2433-2, Black shock pad 14				0.27%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S K Ca Fe Ni; Trace: Cl Mn Co Cu Zn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-15	24-116 Smart Phone XT2433-2, Black shock pad 15				0.09%	PUR 60% PET 20% Acrylic 20%	Main: P; Other: Al Si S K Ca Mn Fe Ni; Trace: Ti Cr Co Cu Zn Ga Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GF2394-16	24-116 Smart Phone XT2433-2, Black shock pad 16				0.99%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Cr Mn Co Cu Sr Sb.	Reportable: Al Fe Co P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>	
GF2394-17	24-116 Smart Phone XT2433-2, Black shock pad 17				0.09%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Co Cu Sb.	Reportable: Al Fe Co P; Controlled: Ni.	
GF2394-18	24-116 Smart Phone XT2433-2, Black shock pad 18				0.63%	Acrylic	Main: P; Other: Al Si S Cl K Ca Fe Co Ni Zn; Trace: Ti Cr Mn Cu.	Reportable: Al Fe Co Zn Si P; Controlled: Ni.	
GF2394-19	24-116 Smart Phone XT2433-2, Black shock pad 19				0.18%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Co Ni; Trace: Mn Cu Zn Sb.	Reportable: Al Fe Co P; Controlled: Ni.	
GF2394-20	24-116 Smart Phone XT2433-2, Black shock pad 20				0.09%	Silicone 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Co Ni Zn; Trace: Ti Cr Mn Cu Zr Sb.	Reportable: Al Fe Co Zn Si P;	
GF2395-00	24-116 Smart Phone XT2433-2, Black glue strip 1-13		1.919	1.02%					
GF2395-01	24-116 Smart Phone XT2433-2, Black glue strip 1				0.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Co Cu Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.	
GF2395-02	24-116 Smart Phone XT2433-2, Black glue strip 2				6.04%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu Sb.	Reportable: Al Fe;	
GF2395-03	24-116 Smart Phone XT2433-2, Black glue strip 3				0.73%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Sb Hf.	Reportable: Al Fe Co Si P;	
GF2395-04	24-116 Smart Phone XT2433-2, Black glue strip 4				29.70%	PET 80% Acrylic 20%	Other: Al Si P S Ca; Trace: K Fe Ni Sb Ce.	Reportable: Al;	
GF2395-05	24-116 Smart Phone XT2433-2, Black glue strip 5				14.12%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Zn Sb.	Reportable: Al Fe Cu; Controlled: Ni.	
GF2395-06	24-116 Smart Phone XT2433-2, Black glue strip 6			0.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;		
GF2395-07	24-116 Smart Phone XT2433-2, Black glue strip 7			0.21%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;		






Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>	
GF2395-08	24-116 Smart Phone XT2433-2, Black glue strip 8				0.05%	PET 80% Acrylic 20%	Main: P Fe; Other: Al Si S Cl K Ca Cr Mn Ni; Trace: Ti Cu Zn Mo Sn Sb.	Reportable: Al Cr Fe P; Controlled: Ni.	
GF2395-09	24-116 Smart Phone XT2433-2, Black glue strip 9				0.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn; Trace: Cr Mn Sn Sb.	Reportable: Al Fe Si P;	
GF2395-10	24-116 Smart Phone XT2433-2, Black glue strip 10				9.12%	PET 80% Acrylic 20%	Other: Al Si P Ca; Trace: S K Fe Ni Cu Sb.	Reportable: Al;	
GF2395-11	24-116 Smart Phone XT2433-2, Black glue strip 11				0.05%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sb Hf.	Reportable: Al Fe Co P;	
GF2395-12	24-116 Smart Phone XT2433-2, Black glue strip 12				3.02%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Ni Cu Zn Br Zr Sb.	Reportable: Al Fe Si P;	
GF2395-13	24-116 Smart Phone XT2433-2, Black glue strip 13				36.79%	PET 80% Acrylic 20%	Other: Al Si P Ca; Trace: S Cl K Fe Cu Sb Ce.	Reportable: Al;	
GF2396-00	24-116 Smart Phone XT2433-2, Black glue 1-5			0.482	0.26%				
GF2396-01	24-116 Smart Phone XT2433-2, Black glue 1					14.52%	Acrylic	Other: Al Si P S Cl K Ca Zn; Trace: Fe Ni Cu Ba Yb.	Reportable: Al Zn;
GF2396-02	24-116 Smart Phone XT2433-2, Black glue 2					49.38%	PE 80% Acrylic 20%	Other: Al Si P S Cl Ca Zn; Trace: K Fe Cu Hf.	Reportable: Al Zn;
GF2396-03	24-116 Smart Phone XT2433-2, Black glue 3					19.71%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Co Cu Sb.	Reportable: Al Fe Co Zn;
GF2396-04	24-116 Smart Phone XT2433-2, Black glue 4					11.20%	Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Mn Co Cu Yb.	Reportable: Al Fe Co Zn;
GF2396-05	24-116 Smart Phone XT2433-2, Black glue 5					5.19%	Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Mn Co Ni Cu.	Reportable: Al Fe Co Zn;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2397-00	24-116 Smart Phone XT2433-2, Label 1-5		0.016	0.01%				
GF2397-01	24-116 Smart Phone XT2433-2, Label 1				43.75%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Br Sr Zr Hf.	Reportable: Al Fe Si P;
GF2397-02	24-116 Smart Phone XT2433-2, Label 2				31.25%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: Mn Co Cu Zn Zr Nb Sn Sb Hf W.	Reportable: Al Fe Co P;
GF2397-03	24-116 Smart Phone XT2433-2, Label 3				6.25%	PP 80% Acrylic 20%	Main: S Ca; Other: Al Si P Cl K Ti Mn Fe Ni; Trace: V Cu Zn Sr Zr Sn.	Reportable: Al Fe Si P; Controlled: Ni.
GF2397-04	24-116 Smart Phone XT2433-2, Label 4				6.25%	PP 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Ti Mn Fe Ni Cu; Trace: V Cr Zn Sr Zr Sn.	Reportable: Al Fe Si P;
GF2397-05	24-116 Smart Phone XT2433-2, Label 5				12.50%	PET 80% Acrylic 20%	Main: Al Ti; Other: Si P S K Ca V Mn Fe Ni Cu Zn; Trace: Cl Cr Co Zr Nb Sb.	Reportable: Al Fe Co Cu Zn Si P;
GF2398-00	24-116 Smart Phone XT2433-2, Glue strips		0.179	0.10%				
GF2398-01	24-116 Smart Phone XT2433-2, Clear glue strip 1				2.79%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Cr Mn Co Sb Ba Pb.	Reportable: Al Fe Co Zn Si P;
GF2398-02	24-116 Smart Phone XT2433-2, Clear glue strips 2				86.59%	PET 80% Acrylic 20%	Other: Al Si P Ca; Trace: S Cl K Mn Fe Ni Cu Zn Sb.	Reportable: Al;
GF2398-03	24-116 Smart Phone XT2433-2, White glue strip 1				0.56%	Acrylic	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni Zn; Trace: V Mn Cu Sr Hf W.	Reportable: Al Fe Zn P;
GF2398-04	24-116 Smart Phone XT2433-2, Black/White glue strip				2.79%	PET 80% Acrylic 20%	Main: P Ti; Other: Al Si S Cl K Ca V Fe Ni Sr Nb Sn; Trace: Mn Co Cu Zn Zr Sb Hf.	Reportable: Al Fe Co Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>	
GF2398-05	24-116 Smart Phone XT2433-2, Green glue strip 1				0.56%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Br Sn Sb.	Reportable: Al Fe Co Cu Si P;	
GF2398-06	24-116 Smart Phone XT2433-2, Green glue strip 2				6.70%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn; Trace: Mn Sn Sb.	Reportable: Al Fe Cu P;	
GF2399-00	24-116 Smart Phone XT2433-2, Copper glue strip 1-2		0.072	0.04%					
GF2399-01	24-116 Smart Phone XT2433-2, Copper glue strip 1				20.83%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Fe Ta; Trace: K Mn Ru Rh Pd Ag Sn Cs Ba Tl.	Reportable: Al Fe Cu Ta P; Controlled: Ni.	
GF2399-02	24-116 Smart Phone XT2433-2, Copper glue strip 2				79.17%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe Zn Ta; Trace: Cr Mn Ga Zr Ru Pd Ag Sn U.	Reportable: Al Fe Cu Zn Ta P; Controlled: Ni.	
GF2400-00	24-116 Smart Phone XT2433-2, Metallic glue strip 1-4			0.032	0.02%				
GF2400-01	24-116 Smart Phone XT2433-2, Metallic glue strip 1					15.63%	PBT 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Mn Fe; Trace: Ti Cr Ga Ag Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GF2400-02	24-116 Smart Phone XT2433-2, Metallic glue strip 2				25.00%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S K Ca Ti Fe; Trace: Cl Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.	
GF2400-03	24-116 Smart Phone XT2433-2, Metallic glue strip 3				56.25%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe; Trace: Cl K V Mn Ga Zr Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.	
GF2400-04	24-116 Smart Phone XT2433-2, Metallic glue strip 4				3.13%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe; Trace: Cr Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.	

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2401-00	24-116 Smart Phone XT2433-2, Metallic shock pad 1-3		0.144	0.08%				
GF2401-01	24-116 Smart Phone XT2433-2, Metallic shock pad 1				82.64%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe; Trace: Cl K Mn Ga Sn Sb I Ba Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2401-02	24-116 Smart Phone XT2433-2, Metallic shock pad 2				16.67%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2401-03	24-116 Smart Phone XT2433-2, Metallic shock pad 3				0.69%	PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GF2402-00	24-116 Smart Phone XT2433-2, Humidity indicator 1-2		0.002	0.00%				
GF2402-01	24-116 Smart Phone XT2433-2, Humidity indicator 1				50.00%	Paper 40% PP 40% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn Ag Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GF2402-02	24-116 Smart Phone XT2433-2, Humidity indicator 2			50.00%	Paper 40% PP 40% Acrylic 20%	Main: P; Other: Al Si S Cl Ca Ti Fe Ni; Trace: K Mn Cu Zn Sn Sb.	Reportable: Al Fe P; Controlled: Ni.	
GF2403-00	24-116 Smart Phone XT2433-2, Black rubber part 1-3, Red rubber parts		0.232	0.12%				
GF2403-01	24-116 Smart Phone XT2433-2, Black rubber part 1				3.02%	Silicone	Main: Al Si; Other: P S Cl K Ca Fe Zn; Trace: Ti Ni Cu Zr W.	Reportable: Al Fe Zn Si P;
GF2403-02	24-116 Smart Phone XT2433-2, Black rubber part 2				40.09%	Silicone	Main: Si; Other: P S Cl K Ca Ti Fe Zn; Trace: V Mn Ni Zr.	Reportable: Fe Si P;
GF2403-03	24-116 Smart Phone XT2433-2, Black rubber part 3				51.72%	Silicone	Main: Si; Other: P S Cl K Ca Fe Zn; Trace: Ti Mn Ni Zr.	Reportable: Fe Si P;
GF2403-04	24-116 Smart Phone XT2433-2, Red rubber parts			5.17%	Silicone 80% Acrylic 20%	Main: Si; Other: Al P S Cl Ca Fe Zn; Trace: K Ti Co Ni Cu Zr.	Reportable: Al Fe Co Zn Si P;	

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds <sup>1)</sup>
GF2404-00	24-116 Smart Phone XT2433-2, Blue thermal paste		0.070	0.04%		Silicone	Main: Al; Other: Si P S Ca Fe Y; Trace: Cl K Ti V Ni Cu Zn Ga Cs La Ce.	Reportable: Al Fe Y Si P;
GF2405-00	24-116 Smart Phone XT2433-2, Gray plastic part, Black plastic part		0.298	0.16%				
GF2405-01	24-116 Smart Phone XT2433-2, Gray plastic part				57.05%	PC	Main: Ti; Other: Al Si P S Cl K Ca V Fe Zn; Trace: Ni Cu Zr Nb Ba.	Reportable: Al Fe Si P;
GF2405-02	24-116 Smart Phone XT2433-2, Black plastic part				42.95%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: V Mn Ni Sr Zr Ce.	Reportable: Al Fe Si P;
GF2406-00	24-116 Smart Phone XT2433-2, Black screws, Silver screws		0.814	0.43%				
GF2406-01**	24-116 Smart Phone XT2433-2, Black screws				92.26%		Main: P Ca Fe Zn; Other: Al Si S Cl K Ti Cr Mn Co Ni Cu Mo Ba; Trace: Ge Y Zr Sn Sb La Pr Tl.	Reportable: Cr Fe Co Cu Zn Ba;
GF2406-02**	24-116 Smart Phone XT2433-2, Silver screws				7.74%		Main: S Ca Fe Ni Cu; Other: Si P Cl K Ti Cr Mn Zn Ge Ba; Trace: Al V Co As Y Sn Nd Th U.	Reportable: Cr Fe Co Cu Zn Ba; Controlled: Ni.

<sup>1)</sup> Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required.

Cd, Cr and are also REACH relevant substances

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

<sup>3)</sup> Not enough sample material for PFAS testing.

\* Brominated Flame Retardants (other than PBBs or PBDEs)

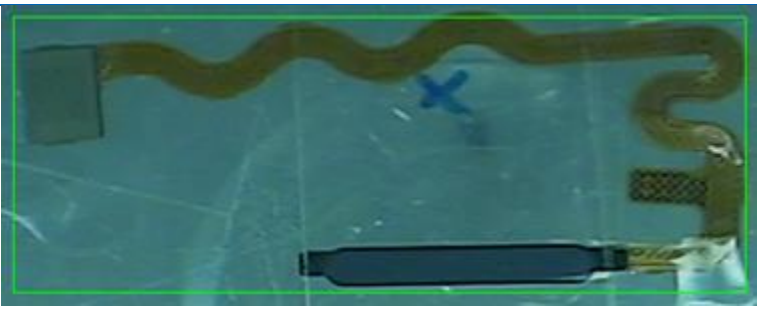
Selection of the samples for the colorimetric testing of CrVI is carried out according to the XRF measurement and a risk assessment.

\*\* Sample tested for CrVI by colorimetric method.

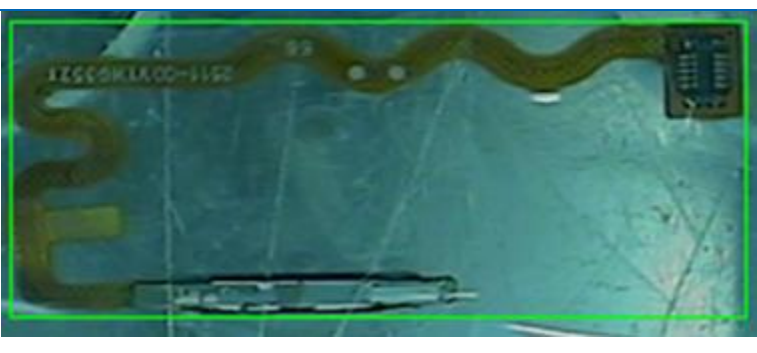
Only confirmed positive findings of materials of concern are reported – other (RoHS) substances are below detection limits for each sample. Detection limits for single samples are available on request.

## 4 Results EDXRF Scan

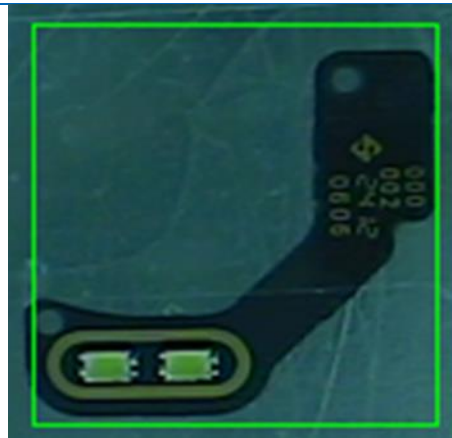
Results x,y Scan Sample GF2366-02 Top

		
Bromine		
Not detected		
Lead		
Not detected		

Results x,y Scan Sample GF2366-02 Bottom

		
Bromine		
Not detected		
Lead		
Not detected		

Results x,y Scan Sample GF2369-00



Bromine

Not detected

Lead

Not detected

Results x,y Scan Sample GF2374-07



Bromine

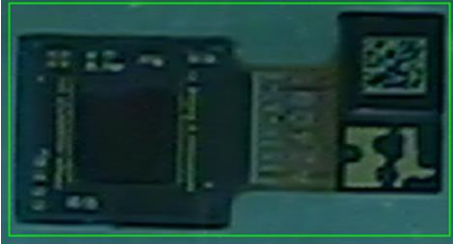
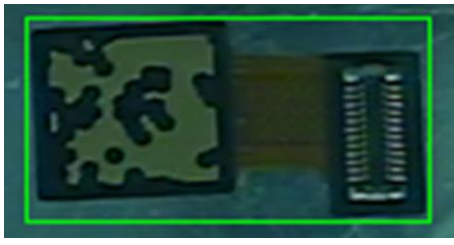
Not detected

Lead

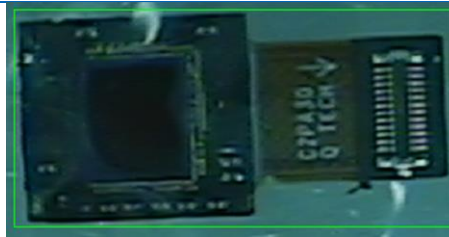
Not detected



Results x,y Scan Sample GF2375-06

	
Bromine	
Not detected	Not detected
Lead	
Not detected	Not detected

Results x,y Scan Sample GF2377-17



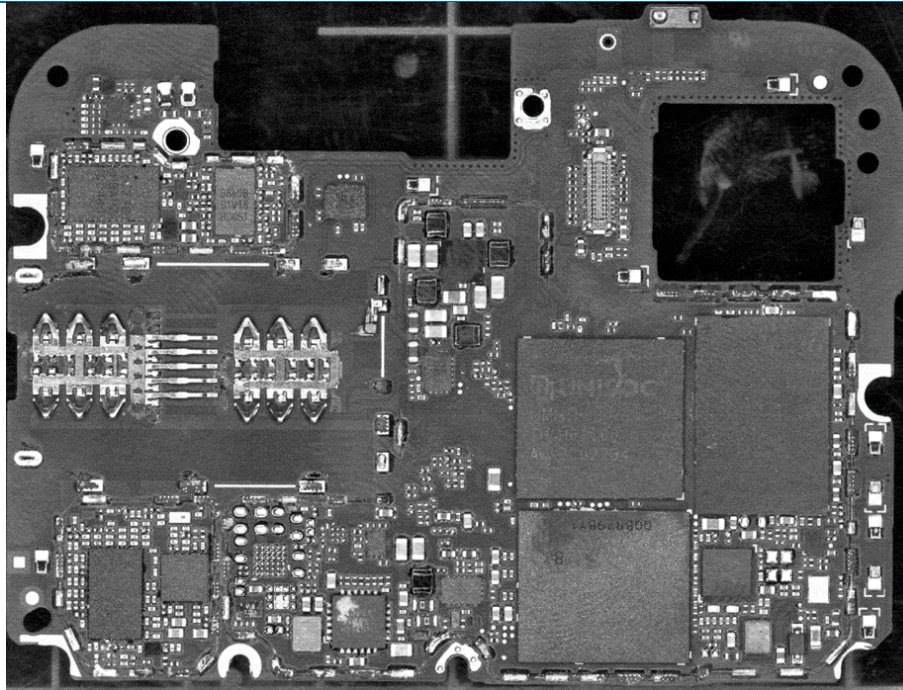
Bromine

Not detected

Lead

Not detected

Results x,y Scan Sample GF2378-15 Top



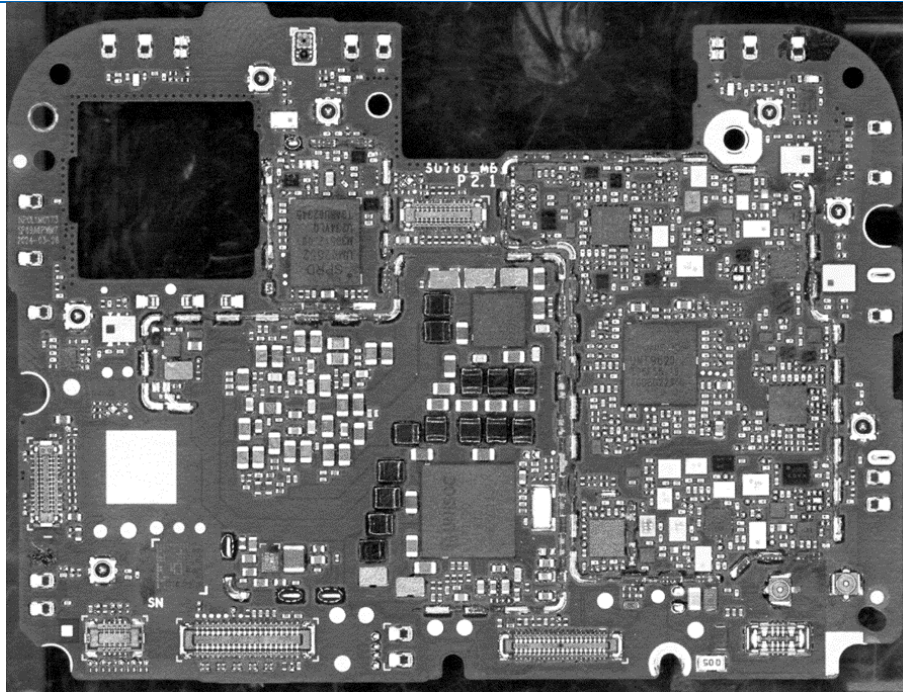
Bromine

Not detected

Lead



Results x,y Scan Sample GF2378-15 Bottom



Bromine

Not detected

Lead

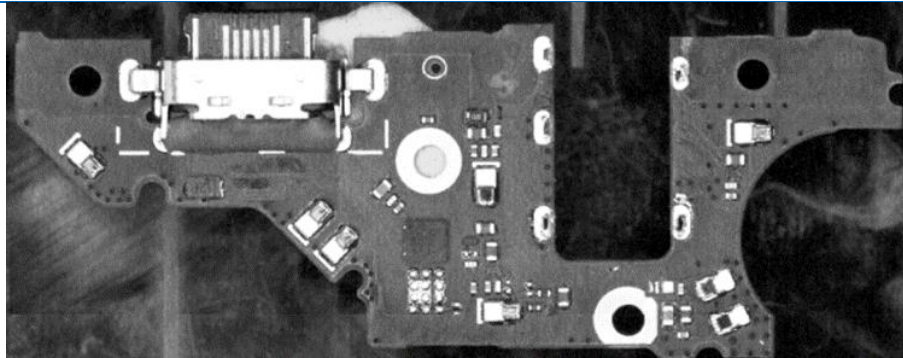


Results x,y Scan Sample GF2379-14



Bromine
Not detected
Lead
Not detected

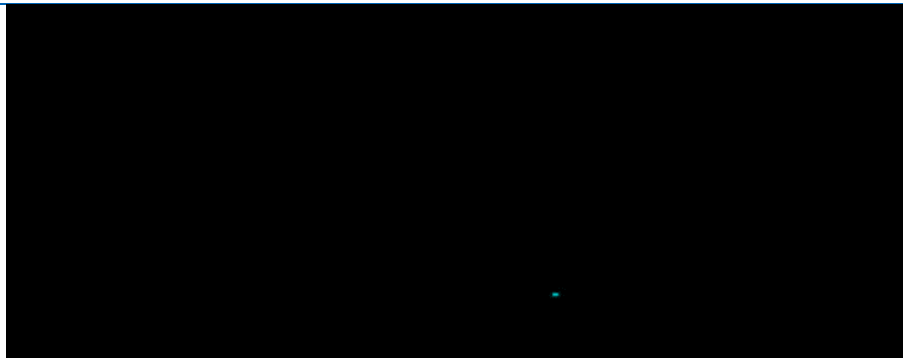
Results x,y Scan Sample GF2381-06 Top



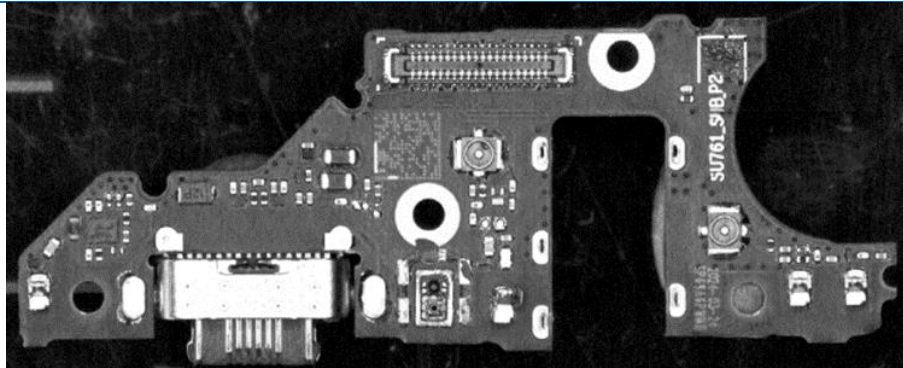
Bromine

Not detected

Lead



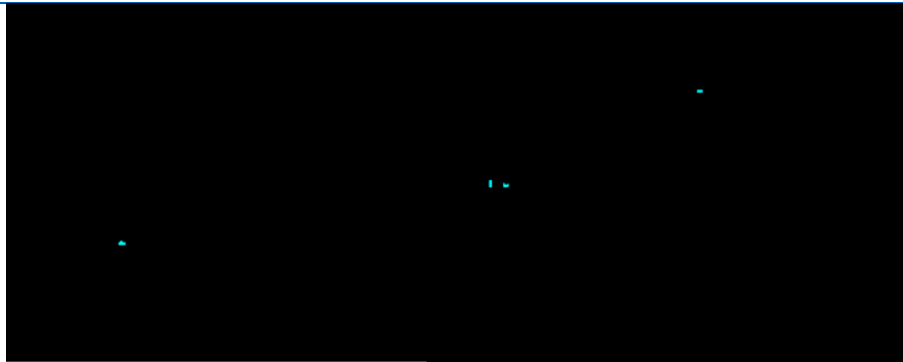
Results x,y Scan Sample GF2381-06 Bottom



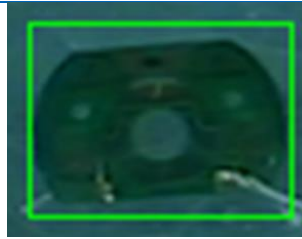
Bromine

Not detected

Lead



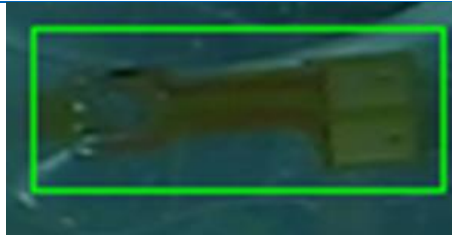
Results x,y Scan Sample GF2384-08



Bromine
Not detected
Lead
Not detected



Results x,y Scan Sample GF2384-09



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2385-00



Bromine

Not detected

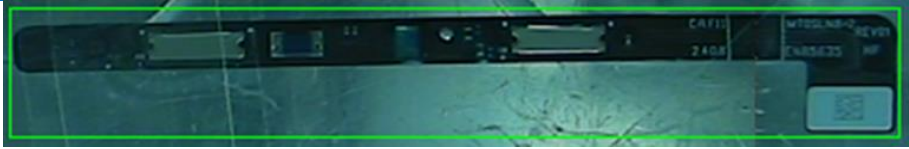

Lead

Not detected

Results x,y Scan Sample GF2386-01 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GF2386-01 Bottom

	
Bromine	
Not detected	
Lead	
	

Results x,y Scan Sample GF2387-00



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GF2388-00



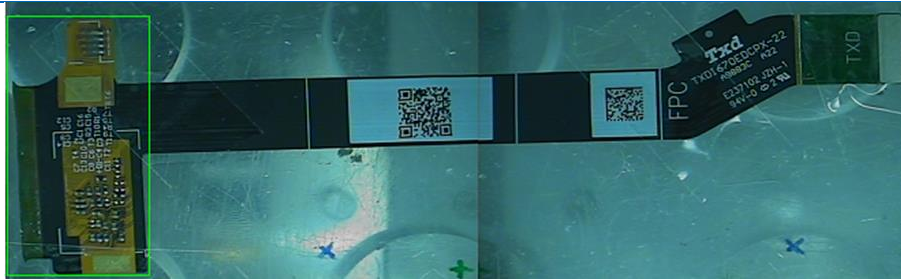
Bromine

Not detected

Lead

Not detected

Results x,y Scan Sample GF2389-00 Top



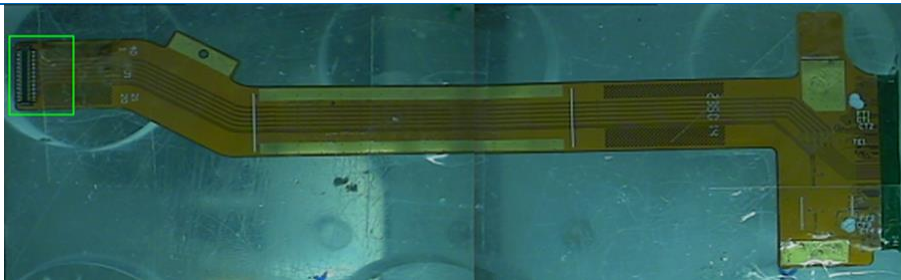
Bromine

Not detected

Lead



Results x,y Scan Sample GF2389-00 Bottom



Bromine

Not detected

Lead

Not detected



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

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

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

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

Prüfbericht Nr. Report No.:	319129-TL7-2	Seite Page	55	von of	77
--------------------------------	--------------	---------------	----	-----------	----

## 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 Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) <sup>1)</sup>	Substance concentration in article (% w/w) <sup>2)</sup>	SVHC > 0.1% Reporting required? <sup>2)</sup> (Y/N/ Risk)
Smart Phone XT2433-2	GH1057	4-tert-butylphenol <sup>3)</sup>	-	-	0.004	< 0.001	N
	GH1058	4-tert-butylphenol <sup>3)</sup>	-	-	0.003	< 0.001	N
		-	-	Diisocyanates (Entry 74)	0.005	< 0.001	N/A
	GH1059	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.002	< 0.001	N
		N,N-Dimethylacetamid	-	N,N-Dimethylacetamid (Entry 72)	0.003	< 0.001	N
		-	-	Dichloromethane (Entry 59)	0.001	< 0.001	N/A
		4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.031	< 0.001	N
		-	-	Diisocyanates (Entry 74)	0.063	< 0.001	N/A
	GH1060	-	-	Diisocyanates (Entry 74)	0.003	< 0.001	N/A
	GH1061	-	-	Diisocyanates (Entry 74)	0.002	< 0.001	N/A
	GH1062	-	-	Toluene (Entry 48)	0.002	< 0.001	N/A
-		-	Diisocyanates (Entry 74)	0.001	< 0.001	N/A	



Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) <sup>1)</sup>	Substance concentration in article (% w/w) <sup>2)</sup>	SVHC > 0.1% Reporting required? <sup>2)</sup> (Y/N/ Risk)	
Smart Phone XT2433-2	GH1063	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.008	< 0.001	N	
		-	-	Diisocyanates (Entry 74)	0.080	< 0.001	N/A	
	GH1064	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.013	< 0.001	N	
		-	-	Diisocyanates (Entry 74)	0.003	< 0.001	N/A	
	GH1065	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.001	< 0.001	N	
	GH1066	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.001	< 0.001	N	
	GH1067	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.001	< 0.001	N	
	GH1068	-	-	-	Tetrahydrofuran (Entry 3, 40, 75)	0.001	< 0.001	N/A
		4-tert-butylphenol <sup>3)</sup>	-	-	-	0.015	< 0.001	N
		-	-	-	2-(2-butoxyethoxy) ethanol (DEGBE) (Entry 55)	0.003	< 0.001	N/A
		-	-	-	Methylenediphenyl diisocyanate (MDI) (Entry 56)	0.001	< 0.001	N/A
	GH1069	4-tert-butylphenol <sup>3)</sup>	-	-	-	0.017	< 0.001	N
		-	-	-	Diisocyanates (Entry 74)	0.014	< 0.001	N/A

Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) <sup>1)</sup>	Substance concentration in article (% w/w) <sup>2)</sup>	SVHC > 0.1% Reporting required? <sup>2)</sup> (Y/N/ Risk)
Smart Phone XT2433-2	GH1070	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.001	< 0.001	N
	GH1071	Dodecamethyl-cyclohexasiloxane (D6)	-	-	0.002	< 0.001	N
	GH1072	1,3-Propanesultone	-	1,3-Propanesultone (Entry 28)	0.065	< 0.001	N
	GH1073	1,3-Propanesultone	-	1,3-Propanesultone (Entry 28)	0.038	< 0.001	N
	GH1074	Furan	-	Furan (Entry 28)	0.001	< 0.001	N
	GH1075	-	-	-	-	-	N
	GH1076	-	-	2-(2-butoxyethoxy) ethanol (DEGBE) (Entry 55)	0.003	< 0.001	N
	GH1077	4-tert-butylphenol <sup>3)</sup>	-	-	0.049	0.001	N
	GH1078	4-tert-butylphenol <sup>3)</sup>	-	-	0.002	< 0.001	N
		-	-	Diisocyanates (Entry 74)	0.003	< 0.001	N/A
	GH1079	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.003	< 0.001	N
	GH1080	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.006	< 0.001	N
-		-	Diisocyanates (Entry 74)	0.001	< 0.001	N/A	



Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) <sup>1)</sup>	Substance concentration in article (% w/w) <sup>2)</sup>	SVHC > 0.1% Reporting required? <sup>2)</sup> (Y/N/ Risk)
Smart Phone XT2433-2	GH1081	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.006	< 0.001	<b>N</b>
		-	-	Diisocyanates (Entry 74)	0.005	< 0.001	<b>N/A</b>

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

<sup>2)</sup> The results refer to the article considered as functional unit as described in the first column of this table. For the assignment on homogenous material level, further testing could be required. For samples with low weights, the detection limit of 0.1% SVHC in homogeneous material may not be achieved.

<sup>3)</sup> Depending on the manufacturing process of 4-tert-butylphenol a certain ratio of 3-tert-butylphenol may also be present

NA: Not applicable

\* For the conditions of restriction please refer to "List of REACH Annex XVII substances" of this test report or for more detailed information refer directly to REACH Regulation (1907/2006/EC) Annex XVII in EUR -Lex Website

## 5.2 List of SVHC and Annex XIV substances

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



Phenanthrene	Pyrene
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	Benzo[ghi]perylene
Decamethylcyclopentasiloxane (D5)	Dicyclohexyl phthalate
Disodium octaborate <sup>1)</sup>	Dodecamethylcyclohexasiloxane (D6)
Ethylenediamine <sup>1)</sup>	Lead <sup>4)</sup>
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 <sup>2)</sup>	Cadmium hydroxide <sup>2)</sup>
Cadmium nitrate <sup>2)</sup>	Chrysene
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) <sup>1)*</sup>	Perfluorohexane-1-sulphonic acid and its salts
4,4'-isopropylidenediphenol (BPA)	4-heptylphenol, branched and linear
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	Nonadecafluorodecanoic acid
Decanoic acid, nonadecafluoro-, sodium salt <sup>1)</sup>	Ammonium nonadecafluorodecanoate <sup>1)</sup>
p-(1,1-dimethylpropyl)phenol	Benzo[def]chrysene (Benzo[a]pyrene)
1,3-propanesultone	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)*
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)*	Nitrobenzene
Perfluorononan-1-oic-acid and its sodium and ammonium salts	Perfluorononan-1-oic-acid
Sodium salts of perfluorononan-1-oic-acid	Ammonium salts of perfluorononan-1-oic-acid
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters*	1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1] <sup>1)*</sup>
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] <sup>1)*</sup>
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) <sup>1)*</sup>	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)*
Cadmium sulphate <sup>2)</sup>	Cadmium fluoride <sup>2)</sup>
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) <sup>1)*</sup>
Sodium perborate, perboric acid, sodium salt <sup>1)*</sup>	Cadmium chloride <sup>2)</sup>
Sodium perborate <sup>1)</sup>	Perboric acid, sodium salt <sup>1)</sup>
Cadmium sulphide <sup>2)</sup>	Sodium peroxometaborate <sup>1)*</sup>
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) <sup>1)</sup>	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) <sup>1)</sup>
Trixylyl phosphate*	Lead di(acetate) <sup>2)</sup>
Ammonium pentadecafluorooctanoate (APFO) <sup>1)</sup>	4-Nonylphenol, branched and linear, ethoxylated <sup>6)*</sup>



Cadmium oxide <sup>2)</sup>	Cadmium <sup>2)</sup>
Pentadecafluorooctanoic acid (PFOA)	Dipentyl phthalate (DPP)*
1,2-diethoxyethane	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear*
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine <sup>1)</sup>	1-bromopropane (n-propyl bromide)*
4,4'-oxydianiline and its salts	4,4'-methylenedi-o-toluidine
4-(1,1,1,3,3-tetramethylbutyl)phenol, ethoxylated <sup>7)</sup> *	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 <sup>2)</sup>	[Phthalato(2-)]dioxotrilead <sup>2)</sup>
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) <sup>1)</sup>
Dibutyltin dichloride (DBTC) <sup>2)</sup>	Diethyl sulphate
Diisopentyl phthalate*	Dimethyl sulphate
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	Dioxobis(stearato)trilead <sup>2)</sup>
Fatty acids, C16-18, lead salts <sup>2)</sup>	Furan
Henicosafuoroundecanoic acid	Heptacosafuorotetradecanoic acid
Hexahydromethylphthalic anhydride	Hexahydro-1-methylphthalic anhydride
Hexahydro-3-methylphthalic anhydride	Hexahydro-4-methylphthalic anhydride
Lead cyanamidate <sup>2)</sup>	Lead bis(tetrafluoroborate) <sup>2)</sup>
Lead monoxide (lead oxide) <sup>2)</sup>	Lead dinitrate <sup>2)</sup>
Lead titanium trioxide <sup>2)</sup>	Lead oxide sulfate <sup>2)</sup>
Methoxyacetic acid	Lead titanium zirconium oxide <sup>2)</sup>
N,N-dimethylformamide	Methyloxirane (Propylene oxide) <sup>1)</sup>
N-pentyl-isopentylphthalate*	N-methylacetamide
o-toluidine	o-aminoazotoluene
Pentacosafuorotridecanoic acid	Orange lead (lead tetroxide) <sup>2)</sup>
Pyrochlore, antimony lead yellow <sup>2)</sup>	Pentalead tetraoxide sulphate <sup>2)</sup>
Silicic acid, lead salt <sup>2)</sup>	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped <sup>2)</sup>
Tetraethyllead <sup>2)</sup> *	Sulfurous acid, lead salt, dibasic <sup>2)</sup>
Tricosafuorododecanoic acid	Tetralead trioxide sulphate <sup>2)</sup>
Trilead dioxide phosphonate <sup>2)</sup>	Trilead bis(carbonate) dihydroxide <sup>2)</sup>
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 <sup>1)</sup> *
[4-[[4-anilino-1-naphthyl]][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I.

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



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

<sup>1)</sup> Not tested

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

<sup>2, 3)</sup> Relevant compounds based on XRF Screening and UV-Vis test results (selected chemical elements)

<sup>4)</sup> 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.

<sup>5)</sup> 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.

<sup>6)</sup> One isomer was tested as representative for substance group.

<sup>7)</sup> Four isomers were tested as representative for substance group

<sup>8)</sup> The detection limit for SCCP and MCCP in homogenous materials is 0.4%. For samples in Fractions the detectable concentration is higher depending on fraction composition and sample weight. For reasons of overlapping retention ranges, a differentiation between short and medium is only partially possible. Additionally, the signal peak in the gas chromatogram has no ideal gaussian shape. The resulting measurement uncertainty can lead to higher deviations between concentrations of the samples

<sup>9)</sup> TNPP are indicator peaks. A definite identification is only possible via further chemical analysis.

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



### 5.3 List of REACH Annex XVII substances

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

(g) Benzo[k]fluoranthene (BkFA) (h) Dibenzo[a,h]anthracene (DBAhA)	
48. Toluene	49. Trichlorobenzene
	47. Chromium VI compounds <sup>2)</sup>
46. (a) Nonylphenol <sup>2) 6)</sup> (b) Nonylphenol ethoxylates <sup>2) 6)</sup>	46a. Nonylphenol ethoxylates <sup>2) 6)</sup>
43. Azocolourants and Azodyes <sup>2) 6)</sup>	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. <sup>2)</sup>	41. Hexachloroethane <sup>2)</sup>
37. Pentachloroethane	38. 1,1-Dichloroethene
35. 1,1,1,2-Tetrachloroethane	36. 1,1,1,2-Tetrachloroethane
32. Chloroform <sup>3)</sup>	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 <sup>7)</sup>	31. (a) Creosote; wash oil <sup>2)</sup> (b) Creosote oil; wash oil <sup>2)</sup> (c) Distillates (coal tar), naphthalene oils; naphthalene oil <sup>2)</sup> (d) Creosote oil, acenaphthene fraction; wash oil <sup>2)</sup> (e) Distillates (coal tar), upper; heavy anthracene oil <sup>2)</sup> (f) Anthracene oil <sup>2)</sup> (g) Tar acids, coal, crude; crude phenols <sup>2)</sup> (h) Creosote, wood <sup>2)</sup> (i) Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline <sup>2)</sup>
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 <sup>7)</sup>	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 <sup>7)</sup>
26. Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT <sup>1) 3)</sup>	27. Nickel and its compounds <sup>3)</sup>
24. Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141 <sup>1) 3)</sup>	25. Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 <sup>1) 3)</sup>
22. Pentachlorophenol and its salts and esters <sup>3) 8)</sup>	23. Cadmium and its compounds <sup>3)</sup>
20. Organostannic compounds <sup>3)</sup>	21. Di-μ-oxo-di-n-butylstanniohydroxyborane/ Dibutyltin hydrogen borate C <sub>8</sub> H <sub>19</sub> BO <sub>3</sub> Sn (DBB) <sup>3)</sup>
18a. Mercury <sup>2) 3)</sup>	19. Arsenic compounds <sup>2) 3)</sup>
17. Lead sulphates <sup>3)</sup> : (a) PbSO <sub>4</sub> (b) Pb <sub>x</sub> SO <sub>4</sub>	18. Mercury compounds <sup>2) 3)</sup>
15. 4-Aminobiphenyl xenylamine	16. Lead carbonates <sup>3)</sup> : (a) Neutral anhydrous carbonate (PbCO <sub>3</sub> ) (b) Trilead-bis(carbonate)-dihydroxide 2Pb CO <sub>3</sub> -Pb(OH) <sub>2</sub>
13. Benzidine and its salts <sup>7)</sup>	14. 4-Nitrobiphenyl
11. Volatile esters of bromoacetic acids <sup>2)</sup> : (a) Methyl bromoacetate (b) Ethyl bromoacetate (c) Propyl bromoacetate (d) Butyl bromoacetate	12. 2-Naphthylamine and its salts <sup>7)</sup>



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

<sup>1)</sup> Not tested

<sup>2)</sup> N/A the restriction does not apply to this article

<sup>3)</sup> 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.

<sup>4)</sup> 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.

<sup>5)</sup> One isomer was tested as representative for substance group.

<sup>6)</sup> Applies to textile articles

<sup>7)</sup> Selected substances were evaluated as representatives

<sup>8)</sup> See Chapter " Global Compliance Acceptance Criteria (banned and controlled Substances)"

<sup>9)</sup> Regulation (EU) No 2020/2096: entries 22 and 67 have been deleted (more severe restrictions are laid down for those substances in Regulation (EU) 2019/1021 POP)

## 6 Test Results PAH

PAK / PAH*	GH1057
Benz[a]anthracene (µg/g)	ND
Chrysene (µg/g)	ND
Benzo[b]fluoranthene (µg/g)	ND
Benzo[k]fluoranthene (µg/g)	ND
Benzo[j]fluoranthene (µg/g)	ND
Benzo[e]pyrene (µg/g)	ND
Benzo[a]pyrene (µg/g)	ND
Dibenz[a,h]anthracene (µg/g)	ND
<b>1907/2006/EC REACH Annex XVII Entry 50</b>	<b>Pass</b>

ND: Nicht nachgewiesen / Not detected

Nachweisgrenze für alle Substanzen / Limit of Detection for all substances 0.5 mg/kg

\* REACH SVHC screening results.

## 7 Composition of fraction samples

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	7.61	GH1057	GF2364-00	24-116 Smart Phone XT2433-2, Backside cover	4.06%	7.61

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.99	GH1058	GF2394-01	24-116 Smart Phone XT2433-2, Black shock pad 1	0.52%	0.97
				GF2394-05	24-116 Smart Phone XT2433-2, Black shock pad 5	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]
Smart Phone XT2433-2	187.67	0.03	GH1059	GF2394-10	24-116 Smart Phone XT2433-2, Black shock pad 10	0.01%	0.02
				GF2394-12	24-116 Smart Phone XT2433-2, Black shock pad 12	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]
Smart Phone XT2433-2	187.67	1.55	GH1060	GF2395-13	24-116 Smart Phone XT2433-2, Black glue strip 13	0.38%	0.71
				GF2395-04	24-116 Smart Phone XT2433-2, Black glue strip 4	0.30%	0.57
				GF2395-05	24-116 Smart Phone XT2433-2, Black glue strip 5	0.14%	0.27

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.48	GH1061	GF2378-07	24-116 Smart Phone XT2433-2, Main PWB, Black glue strip	0.10%	0.19
				GF2395-10	24-116 Smart Phone XT2433-2, Black glue strip 10	0.09%	0.18
				GF2395-02	24-116 Smart Phone XT2433-2, Black glue strip 2	0.06%	0.12

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.10	GH1062	GF2395-12	24-116 Smart Phone XT2433-2, Black glue strip 12	0.03%	0.06
				GF2372-03	24-116 Smart Phone XT2433-2, Camera covers plastic frame, Black glue	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]
Smart Phone XT2433-2	187.67	0.19	GH1063	GF2398-02	24-116 Smart Phone XT2433-2, Clear glue strips 2	0.08%	0.16
				GF2367-02	24-116 Smart Phone XT2433-2, NFC flex, White glue	0.02%	0.03

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.24	GH1064	GF2403-03	24-116 Smart Phone XT2433-2, Black rubber part 3	0.06%	0.12
				GF2403-02	24-116 Smart Phone XT2433-2, Black rubber part 2	0.05%	0.09
				GF2366-01	24-116 Smart Phone XT2433-2, Power button flex, Black rubber plate	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]
Smart Phone XT2433-2	187.67	0.16	GH1065	GF2401-01	24-116 Smart Phone XT2433-2, Metallic shock pad 1	0.06%	0.12
				GF2401-02	24-116 Smart Phone XT2433-2, Metallic shock pad 2	0.01%	0.02
				GF2400-03	24-116 Smart Phone XT2433-2, Metallic glue strip 3	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]
Smart Phone XT2433-2	187.67	0.11	GH1066	GF2376-04	24-116 Smart Phone XT2433-2, White connection cable, Outer cable jacket	0.04%	0.07
				GF2382-04	24-116 Smart Phone XT2433-2, Black connection cable, Outer 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]
Smart Phone XT2433-2	187.67	0.07	GH1067	GF2382-06	24-116 Smart Phone XT2433-2, Black connection cable, Inner cable jacket	0.02%	0.04
				GF2376-06	24-116 Smart Phone XT2433-2, White connection cable, Inner cable jacket	0.02%	0.03

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	6.26	GH1068	GF2391-04	24-116 Smart Phone XT2433-2, Metal housing, Black plastic part	2.26%	4.24
				GF2380-03	24-116 Smart Phone XT2433-2, Bottom Speaker, Black plastic part	0.32%	0.61
				GF2390-02	24-116 Smart Phone XT2433-2, Front glass, Back foil	0.31%	0.58
				GF2372-02	24-116 Smart Phone XT2433-2, Camera covers plastic frame, Plastic rings	0.23%	0.43
				GF2378-12	24-116 Smart Phone XT2433-2, Main PWB, Thermal paste 1	0.22%	0.41





Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	1.04	GH1069	GF2378-06	24-116 Smart Phone XT2433-2, Main PWB, Copper glue strip	0.19%	0.35
				GF2396-02	24-116 Smart Phone XT2433-2, Black glue 2	0.13%	0.24
				GF2405-01	24-116 Smart Phone XT2433-2, Gray plastic part	0.09%	0.17
				GF2381-01	24-116 Smart Phone XT2433-2, SUB PWB, Black plastic part	0.08%	0.15
				GF2405-02	24-116 Smart Phone XT2433-2, Black plastic part	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]
Smart Phone XT2433-2	187.67	0.30	GH1070	GF2386-02	24-116 Smart Phone XT2433-2, Battery, Black glue strips 1	0.11%	0.21
				GF2386-03	24-116 Smart Phone XT2433-2, Battery, Black shock pad 1	0.02%	0.04
				GF2386-04	24-116 Smart Phone XT2433-2, Battery, Black shock pad 2	0.02%	0.05



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.09	GH1071	GF2386-05	24-116 Smart Phone XT2433-2, Battery, Black/White glue strip	0.02%	0.03
				GF2386-14	24-116 Smart Phone XT2433-2, Battery, Blue glue strips	0.03%	0.06

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.24	GH1072	GF2386-10	24-116 Smart Phone XT2433-2, Battery, Green glue strips 1	0.10%	0.20
				GF2386-11	24-116 Smart Phone XT2433-2, Battery, Green glue strips 2	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]
Smart Phone XT2433-2	187.67	0.24	GH1073	GF2386-12	24-116 Smart Phone XT2433-2, Battery, Green glue strips 3	0.02%	0.04
				GF2386-13	24-116 Smart Phone XT2433-2, Battery, Green glue strips 4	0.11%	0.20

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	42.83	GH1074	GF2386-17	24-116 Smart Phone XT2433-2, Battery, Carbon coating	22.82%	42.83



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	4.11	GH1075	GF2386-09	24-116 Smart Phone XT2433-2, Battery, White foil	2.19%	4.11

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	2.69	GH1076	GF2392-02	24-116 Smart Phone XT2433-2, Display assembly, Reflection foil 1	0.66%	1.25
				GF2392-07	24-116 Smart Phone XT2433-2, Display assembly, Reflection foil 2	0.24%	0.45
				GF2392-03	24-116 Smart Phone XT2433-2, Display assembly, Polarization foil	0.53%	1.00

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	4.45	GH1077	GF2392-04	24-116 Smart Phone XT2433-2, Display assembly, Diffuser plate	2.37%	4.45

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	2.12	GH1078	GF2392-05	24-116 Smart Phone XT2433-2, Display assembly, Diffuser foil 1	0.37%	0.70
				GF2392-06	24-116 Smart Phone XT2433-2, Display assembly, Diffuser foil 2	0.76%	1.42



Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	13.47	GH1079	GF2378-15	24-116 Smart Phone XT2433-2, Main PWB	5.65%	10.60
				GF2381-06	24-116 Smart Phone XT2433-2, SUB PWB	0.60%	1.13
				GF2389-00	24-116 Smart Phone XT2433-2, Display connection flex	0.37%	0.69
				GF2386-01	24-116 Smart Phone XT2433-2, Battery, Flex	0.30%	0.57
				GF2387-00	24-116 Smart Phone XT2433-2, Connection flex 1	0.26%	0.49

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone XT2433-2	187.67	0.99	GH1080	GF2377-17	24-116 Smart Phone XT2433-2, Rear camera 2, Flex	0.15%	0.29
				GF2366-02	24-116 Smart Phone XT2433-2, Power button flex	0.12%	0.23
				GF2369-00	24-116 Smart Phone XT2433-2, Flashlight PWB	0.10%	0.19
				GF2385-00	24-116 Smart Phone XT2433-2, Volume button flex	0.08%	0.16
				GF2374-07	24-116 Smart Phone XT2433-2, Front camera, Flex	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]
Smart Phone XT2433-2	187.67	0.25	GH1081	GF2375-06	24-116 Smart Phone XT2433-2, Rear camera 1, Flex	0.06%	0.11
				GF2388-00	24-116 Smart Phone XT2433-2, Display LED flex	0.04%	0.07
				GF2379-14	24-116 Smart Phone XT2433-2, Top Speaker, Flex	0.03%	0.05
				GF2384-08	24-116 Smart Phone XT2433-2, Vibra call, Flex 1	0.01%	0.02
				GF2384-09	24-116 Smart Phone XT2433-2, Vibra call, Flex 2	0.00%	0.00

--- END OF REPORT ---