VDE Prüfbericht / *VDE Test Report*

Prüfbericht Nr. *Report No.*	319422-TL7-2
VDE-Aktenzeichen *VDE File No.*	5022428-9021-0110/319422
Ausstellungsdatum *Date of issue*	2024-07-01
Labor *Laboratory*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Adresse *Address*	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüfort / Adresse *Testing location/ address*	**VDE** Prüf- und Zertifizierungsinstitut GmbH
Auftraggeber *Applicant's name*	Motorola Mobility LLC
Auftraggeber Adresse *Applicant's address*	222 W. Merchandise Mart Plaza, Chicago, Illinois 60654, USA
Angewandte Norm(en) *Applied standard(s)*	Motorola W18 V6
	2011/65/EU & 2015/863/EU(RoHS)
	1907/2006/EC § 33 (REACH, SVHC)
	1907/2006/EC Annex XIV (REACH, Authorisation List)
	1907/2006/EC Annex XVII (REACH, List of restrictions)
Art der Prüflinge *Test item description*	**Smart Phone, XT2409 Series**
Warenzeichen *Trade Mark*	**Motorola/Lenovo**
Typenbezeichnungen(en) *Type reference(s)*	
Bemessungsdaten *Ratings*	

Zustand des Prüfmusters *Test sample condition*.....:	☒	Unbeschädigtes Prüfmuster *Non-damaged sample*
	Bemerkung / *Remark:*	
Wareneingang Prüfmuster *Sample entry date*.....:	2024-04-29	
Datum der Durchführung der Prüfungen *Date (s) of performance of tests*.....:	2024-04-29 - 2024-07-01	

Geprüft und ausgestellt von: *Tested by*.....:	Patrick Morawietz	
Name / *Name,* Unterschrift / *Signature*.....:	(Autorisierung des Prüfberichtes *Authorization of test report*)	
Funktion / *Function*.....:	Prüfingenieur / Testing engineer	
Überprüft von / *Approved by*.....:		
Name / *Name,* Unterschrift / *Signature*.....:	Beatrice Duchardt	
Funktion / *Function*.....:	Fachzertifizierer / *Technical Certification Officer*	

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

Durchgeführte Prüfungen / *Performed tests*			
Abschnitt *Clause*	Prüfanforderungen / *Requirement + Test*	Ergebnis – Anmerkung *Result – Remark*	Beurteilung *Verdict*
	Motorola W18 V6	Substances detected	
	2011/65/EU & 2015/863/EU(RoHS)	Pass	P
	1907/2006/EC § 33 (REACH, SVHC)	Substances detected	No reporting required*
	1907/2006/EC Annex XIV (REACH, Authorisation List)	No Substances detected	
	1907/2006/EC Annex XVII (REACH, List of restrictions)	Substances detected	
Ergänzende Information / *Supplementary information*:			
* According to the kind and extend of the tests performed no reporting is required on the functional unit level. This test report Testreport-319422-TL7-2 replaces test report Testreport-319422-TL7-1.			

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

Prüf- und Messmittel / *Testing and measuring equipment*:		
Parameter/s	Instrument/s	Method/e
Chemical elements Screening	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro XEPOS XC (XC) Inv. No. 1150667 Spectro XEPOS HE (XL) Inv. No. 1150529 Spectro XEPOS HE (XR) Inv. No. 1150796	IEC 62321-3-1:2013
Polymers	Infrared Spectrometry (IR) Bruker ALPHA (IR1) Inv. No. 1150578 Bruker INVENIO S (IR2) Inv. No. 1150787	Inhouse Method SOP TL72 0214 Version 1
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-1:2015
Pb, Br Localization	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro Midex (M1) Inv. No. 1150728 Spectro Midex (M2) Inv. No. 1150284 Spectro Midex (M3) Inv. No. 1150774 Spectro Midex (M4) Inv. No. 1150776 Bruker M4 Tornado Inv. No. 1150719	IEC 62321-1:2013 IEC 62321-2:2021
REACH SVHC / Annex XIV / Annex XVII Substances 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
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
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

SCCP, HBCDD	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095	Inhouse method according to DIN TS 51012:2020-4

Contents Directory

1 Description of the Sample (EUT)

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

2 Assessment summary of substances according to 12G02897W18

2.1 Global Compliance Acceptance Criteria (banned and controlled Substances)

Substances	Results
Asbestos, asbestos compounds	For indicator elements Al and Si see chapter 3 [1)]
Benzenamine, N-phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (“BNST”)	n.t.
Chlorofluorocarbons and halons (Class I and II Ozone Depleting Chemicals) [1]	For indicator element Cl see chapter 3 [1)]
Halogenated dioxins and furans	For indicator element Cl and Br see chapter 3 [1)]
Hydrofluorocarbons (HFCs), Perfluorocarbons (PFCs), and Sulfur Hexafluoride (SF6)	n.t.
Mercury and Mercury Compounds	n.d. see chapter 3
Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-imethylethyl)-	n.d. see chapter 5
Polychlorobiphenyls and derivatives (PCBs)	For indicator element Cl see chapter 3 [1)]
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 [1)]
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in wood products as a preservative [3]	For indicator element As see chapter 3 [1)]
Bisphenol-A [4]	Risk samples: GG2002-05, GG2006-01, GG2007-01, GG2010-01, GG2022-01, GG2025-07, GG2025-09, GG2025-16, GG2039-07, GG2039-08, GG2039-13, GG2040-13, GG2040-15, GG2041-06, GG2042-01, GG2043-02, GG2047-01, GG2049-18
Cadmium and cadmium compounds	n.d. see chapter 3
Cadmium, Chromium (VI), Lead and Mercury metals and compounds in packaging	n.a. (no packaging)
Cadmium and cadmium compounds in “portable” batteries	n.d. see chapter 3
Chromium (VI) compounds	n.d. see chapter 3
Chromium (VI) compounds in leather and textiles	n.a. (no leather and textiles)
Cobalt Dichloride	For indicator element Co see chapter 3 [1)]
Creosotes	For indicator substances (Anthracene, Benzo[a]pyrene etc.) see chapter 5
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	n.d. see chapter 3, 5
Diisononyl Phthalate (DINP)	n.d. see chapter 3, 5
Formaldehyde	n.a. (no Composite Wood Products, textiles, washing or cleaning agents, cosmetic care products)
Lead and lead compounds	**Detected** see chapter 3[1)]
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	**detected** see chapter 3 [2)]

Substances	Results
Nonylphenol ethoxylate [7]	n.d. see chapter 5
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 5
Polybrominated biphenyls (PBBs)	n.d. see chapter 3
Polybrominated diphenyl ethers (PBDEs)	n.d. see chapter 3
Perchlorates-Lithium Perchlorate, Magnesium Perchlorate, Zinc Perclorate [5]	n.a. (no perchlorate Batteries)
Perfluoro alkyl sulfonates (PFAS), and derivatives (including PFOS)	n.t., not enough sample material
Perfluorooctanoic Acids	n.t.
Persistent Organic Pollutants (POP)	n.t. For indicator elements Br and Cl see chapter 3 [1)]
Poly Vinyl Chloride (PVC) vinyl chloride monomer in External Cables	n.d. see chapter 3 and 5
Certain short and medium chained chlorinated paraffins	n.d. (SCCP, MCCP - see chapter 3)
REACH Authorised and Restricted Substances not otherwise listed	**Detected**, See Chapter 5
REACH Authorised and Restricted Substances not otherwise listed – Entry 20 Organostannic compounds [6]	Sn > 0.1% detected See sample GG2020-01 (0.18% Sn)[1)] See sample GG2051-07 (0.24% Sn)[1)]
REACH Authorised and Restricted Substances not otherwise listed – Entry 21 Di-µ-oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C8H19BO3Sn (DBB)	Sn > 0.04% detected See sample GG2020-01 (0.18% Sn)[1)] See sample GG2046-07 (0.09% Sn)[1)] See sample GG2051-07 (0.24% Sn)[1)]
REACH Authorised and Restricted Substances not otherwise listed – Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	n.d. See Chapter 6
REACH Candidate List Substances not otherwise listed	**Detected**, See chapter 5
Tris(2-chloroethyl)phosphate (“TCEP”)	n.d. see chapter 5
Tris(1,3-dichloro-2-propyl) phosphate (“TDCPP”)	For indicator element Cl see chapter 3 [1)]

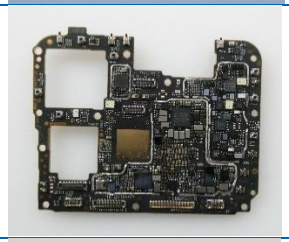
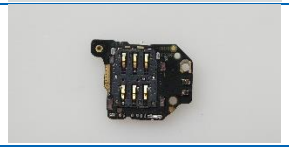
[1] Substance may not be intentionally added.
[2] The concentration basis is based on the weight of the external cable jacket not including any conductors, sheathed conductors or ground jackets.
[3] Banned in packaging and as a fumigation technique for wood pallets and other wood packaging (includes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

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

2.2 Items that only use Homogeneous Materials

None

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

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) [1]	Does that rating make use of an Exemption	Sub Item level acceptance rating
GG2002-04	24-120 Smart Phone Model XT2409, Battery, Flex rigid		Flex (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GG2012-01	24-120 Smart Phone Model XT2409, Charging PWB		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GG2018-01	24-120 Smart Phone Model XT2409, Display flex		Flex (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
GG2029-01	24-120 Smart Phone Model XT2409, Main PWB		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**
					Pb in high temperature solder Exemption III n. 7(a)	**Pass, exemption applicable**
GG2046-01	24-120 Smart Phone Model XT2409, SIM card PWB		PWB (100%)[2]	**Pb**	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	**Pass, exemption applicable**

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

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

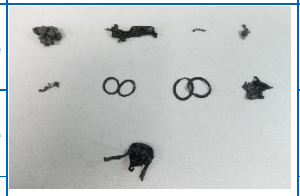
2.4 Phthalates in fractions

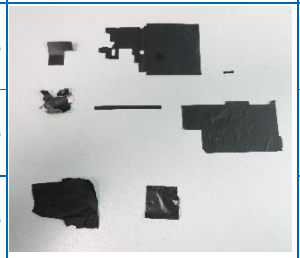
None

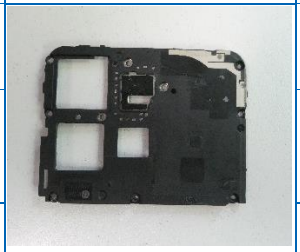
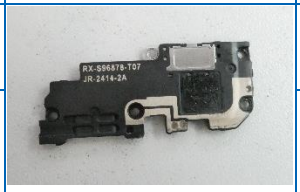
3 Material Assay Screening Results

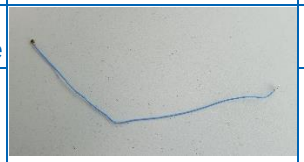
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2001-00	24-120 Smart Phone Model XT2409, Backside cover		9.801	5.73%		Silicone	Main: Si; Other: P S Cl K Ca Ti Fe Sr; Trace: V Cu Zr Sb Ba La.	Reportable: Fe Si P;
GG2002-00	24-120 Smart Phone Model XT2409, Battery		56.963	33.28%				
GG2002-01	24-120 Smart Phone Model XT2409, Battery, Black glue strip 1				0.07%	Silicone 60% PET 20% Acrylic 20%	Main: Al Si; Other: P S Cl Ca Fe Zn; Trace: K Ti Mn Ni Cu Ga Sb Ba Yb.	Reportable: Al Fe Zn Si P;
GG2002-02	24-120 Smart Phone Model XT2409, Battery, Black glue strip 2				0.08%	PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ni Cu Zn.	Reportable: Al Fe Si;
GG2002-03	24-120 Smart Phone Model XT2409, Battery, Yellow glue strips				0.23%	PAI 80% Acrylic 20%	Other: Al Si P S Cl Ca; Trace: K Mn Fe Ni Cu Zn Ce.	Reportable: Al P;
GG2002-04	24-120 Smart Phone Model XT2409, Battery, Flex rigid				2.69%		Main: Ni Cu Ag Sn; Other: Al Si P S Cl K Ca Ti Cr Fe Zn Sr Ba Hf Pb; Trace: V Mn Ga Zr Ce W Th. See x,y scan (chapter 4)	Reportable: Al Cr Fe Cu Ag Sn Ba Si P; **Controlled**: Ni **Pb**.
GG2002-05	24-120 Smart Phone Model XT2409, Battery, Black plastic part				0.35%	PC	Main: P; Other: Al Si S Ca; Trace: Cl K Ti Fe Ni.	Reportable: Al P;
GG2002-06	24-120 Smart Phone Model XT2409, Battery, Metallic outer foil				3.28%	Metal 80% PMMA 10% PP 5% ABS 5%	Main: Al Fe; Other: Si P S Cl K Ca Cr; Trace: Ti V Mn Co Ni Cu Zn Ga.	Reportable: Al Cr Fe Co P;
GG2002-07	24-120 Smart Phone Model XT2409, Battery, Contact 1				0.24%		Main: P Ni Cu; Other: Al Si S Cl K Cr Nd; Trace: Ca Mn Fe Zn Ga Ge Y Zr Nb Rh Sb Ba Bi.	Reportable: Al Cr Cu Nd; Controlled: Ni.
GG2002-08	24-120 Smart Phone Model XT2409, Battery, Contact 2				0.12%		Main: Al Si P S Fe; Other: Cl Ca Ti V Cr Co Ni Cu Zn Ga;	Reportable: Al Cr Fe Co Cu Zn; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
							Trace: Mn Y Zr Nb Mo Ba Yb.	
GG2002-09	24-120 Smart Phone Model XT2409, Battery, Blue glue strip				0.07%	PET 80% SB 20%	Other: Al Si P S Ca Fe Co Cu; Trace: Cl K Ni Zn Sb.	Reportable: Al Fe Co Cu P;
GG2002-10	24-120 Smart Phone Model XT2409, Battery, Green glue strips				0.79%	PET 80% Vistaflex 20%	Main: Co; Other: Al Si P S K Ca Ti Fe Cu Sb; Trace: Cl V Mn Zn Y Zr.	Reportable: Al Fe Co Cu Sb P;
GG2002-11	24-120 Smart Phone Model XT2409, Battery, White foil				6.27%	PE	Main: Al P S Co; Other: Si Ca Fe Cu Ta; Trace: Cl K Ti Mn Ga Y Zr.	Reportable: Al Fe Co Cu P;
GG2002-12	24-120 Smart Phone Model XT2409, Battery, Silver foil				8.66%		Main: Al Co; Other: Si P S K Ca Fe Cu; Trace: Cl Ti V Mn Ni Zn Ga Y Zr La.	Reportable: Al Fe Co Cu;
GG2002-13	24-120 Smart Phone Model XT2409, Battery, Copper foil				9.77%		Main: Cu; Other: Al P S Cl K Cr Fe Nd; Trace: Si Ca Ti V Mn Co Ga Ge Y Zr Nb Bi.	Reportable: Al Cr Co Cu Nd;
GG2002-14	24-120 Smart Phone Model XT2409, Battery, Carbon coating				67.35%		Main: P Co; Other: Al Si S Cl Ca Fe Ni Cu; Trace: K Ti Mn Zn Sn Sb.	Reportable: Al Fe Co Cu P;
GG2002-15	24-120 Smart Phone Model XT2409, Battery, White glue strip				0.03%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe; Trace: V Co Ni Cu Zn Nb Sb Ta.	Reportable: Al Fe Co;
GG2003-00	24-120 Smart Phone Model XT2409, Black cable		0.155	0.09%				
GG2003-01 [3]	24-120 Smart Phone Model XT2409, Black cable, Black outer cable jacket				12.90%	PTFE	Main: Cu; Other: Al Si P S Cl K Ca Fe Sn Ta; Trace: Ti Mn Co Ni Zn.	Reportable: Al Fe Co Cu P;
GG2003-02	24-120 Smart Phone Model XT2409, Black cable, Wire 1				50.32%		Main: Cu Sn; Other: Al Si P S Cl Zn Nd; Trace: Mn Fe Ga Ge Y Zr Nb Ba La Pr Yb Bi.	Reportable: Al Cu Zn Sn Nd;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
GG2003-03	24-120 Smart Phone Model XT2409, Black cable, Wire 2				7.10%		Main: S Cu Ag; Other: Al Si P Cl Zn Ge; Trace: Ca Ti Fe Ni Y Zr Nb Rh Sb Ba Yb.	Reportable: Al Cu Zn Ag;
GG2003-04 [3]	24-120 Smart Phone Model XT2409, Black cable, White cable jacket				9.03%	PTFE	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Ag; Trace: V Mn Co Zn Sb.	Reportable: Al Fe Co Cu Ag Si P;
GG2003-05	24-120 Smart Phone Model XT2409, Black cable, Golden plates				4.52%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge I; Trace: Al Mn Zr Nb Sb.	Reportable: Cu Sn Au; Controlled: Ni.
GG2003-06	24-120 Smart Phone Model XT2409, Black cable, Golden contacts				0.65%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge; Trace: Al Br Sr Y Zr Nb Sb.	Reportable: Cu Sn Au; Controlled: Ni.
GG2003-07	24-120 Smart Phone Model XT2409, Black cable, Black plastic parts				0.65%	PP	Other: Al Si P S Ca Fe Ni Cu; Trace: Cl K Ti Mn Zn Zr Sn Sb W Au.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2003-08	24-120 Smart Phone Model XT2409, Black cable, Golden contact holders				14.84%		Main: S Ni Cu Sn; Other: Al Si P Cl Ca Ti Au; Trace: Mn Fe Ge Zr Nb Ag I.	Reportable: Al Cu Sn Au; Controlled: Ni.
GG2004-00	24-120 Smart Phone Model XT2409, Black glue pads 1-11		0.767	0.45%				
GG2004-01	24-120 Smart Phone Model XT2409, Black glue pad 1				52.15%	Acrylic	Other: Al Si P S Cl K Ca; Trace: Ti Fe Ni Cu.	Reportable: Al Si;
GG2004-02	24-120 Smart Phone Model XT2409, Black glue pad 2				16.30%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Zn; Trace: Ti Fe Cu Ba Ce Yb.	Reportable: Al Zn;
GG2004-03	24-120 Smart Phone Model XT2409, Black glue pad 3				0.13%	PE 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Mn Fe Ni Zn; Trace: Ti Cr Co Cu Sn Sb.	Reportable: Al Fe Co Zn Si P;
GG2004-04	24-120 Smart Phone Model XT2409, Black glue pad 4				1.30%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Zn Sn; Trace: Ti Mn Co Ni Cu Zr.	Reportable: Al Fe Co Zn;

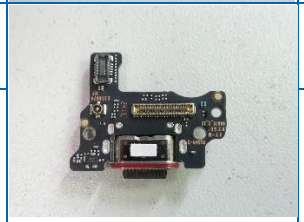
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2004-05	24-120 Smart Phone Model XT2409, Black glue pad 5				0.91%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Mn Cu.	Reportable: Al Fe Zn P;
GG2004-06	24-120 Smart Phone Model XT2409, Black glue pads 6+7				1.83%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Yb.	Reportable: Al Fe Co Zn Si P;
GG2004-07	24-120 Smart Phone Model XT2409, Black glue pads 8+9				2.87%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Sn Yb Hf.	Reportable: Al Fe Co Zn Si P;
GG2004-08	24-120 Smart Phone Model XT2409, Black glue pad 10				9.91%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Cu Zn; Trace: Ti Mn Ni Zr Ag Sn Sb La.	Reportable: Al Fe Cu Si;
GG2004-09	24-120 Smart Phone Model XT2409, Black glue pad 11				14.60%	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;
GG2005-00	24-120 Smart Phone Model XT2409, Black glue strtips 1-8		1.370	0.80%				
GG2005-01	24-120 Smart Phone Model XT2409, Black glue strip 1				5.11%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu Sb.	Reportable: Al Fe Si;
GG2005-02	24-120 Smart Phone Model XT2409, Black glue strip 2				41.90%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: K Ni Sb Ce.	Reportable: Al Fe Si;
GG2005-03	24-120 Smart Phone Model XT2409, Black glue strip 3				0.07%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Cr Cu Zn Sb.	Reportable: Al Fe P;
GG2005-04	24-120 Smart Phone Model XT2409, Black glue strip 4				7.52%	PET	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu Zn Sb.	Reportable: Al Fe Si;
GG2005-05	24-120 Smart Phone Model XT2409, Black glue strip 5				4.74%	PET 80% Acrylic 20%	Other: Al Si P S Ca Sb; Trace: Cl K Ti Fe Ni Cu Ba.	Reportable: Al 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 [1)]
GG2005-06	24-120 Smart Phone Model XT2409, Black glue strip 6				35.18%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: K Ni Cu Sb.	Reportable: Al Fe Si;
GG2005-07	24-120 Smart Phone Model XT2409, Black glue strip 7				2.92%	PET	Other: Al Si P S K Ca Fe Cu; Trace: Cl Ti Mn Ni Zn Sb.	Reportable: Al Fe Cu Si P;
GG2005-08	24-120 Smart Phone Model XT2409, Black glue strip 8				2.55%	PET 90% Acrylic 10%	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu Sb.	Reportable: Al Fe P;
GG2006-00	24-120 Smart Phone Model XT2409, Black plastic cover 1		3.370	1.97%				
GG2006-01	24-120 Smart Phone Model XT2409, Black plastic cover 1				85.85%	PC + GF	Main: Ca Cr Cu; Other: Al Si P S Cl K Fe Zn Zr Mo Sn Hf; Trace: Ti Mn Ni Sr Y Sb.	Reportable: Al Cr Fe Cu Zn Sn Si P;
GG2006-02	24-120 Smart Phone Model XT2409, Black plastic cover 1, Black glue strip				0.39%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Co Zn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GG2006-03	24-120 Smart Phone Model XT2409, Black plastic cover 1, Metal plate				13.77%		Main: P Cr Mn Fe Ni; Other: Si S Cl K Ca V Co Cu; Trace: Al Zn Ge Mo Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2007-00	24-120 Smart Phone Model XT2409, Black plastic cover 2		0.945	0.55%				
GG2007-01	24-120 Smart Phone Model XT2409, Black plastic cover 2				8.52%	PC + GF	Main: P Cr Ni Cu; Other: Al Si S Cl K Ca Mn Fe Zn Zr Mo Sn Ta; Trace: Ti Y Pd Sb Th.	Reportable: Al Cr Fe Cu Sn Si P; Controlled: Ni.
GG2007-02	24-120 Smart Phone Model XT2409, Black plastic cover 2, Metal plate				1.48%		Main: S Cr Fe Ni; Other: Si P Cl K Ca V Mn Co Cu Mo; Trace: Al Ge Nb Sn Sb Ba Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2008-00	24-120 Smart Phone Model XT2409, Black plastic net		0.034	0.02%				
GG2008-01	24-120 Smart Phone Model XT2409, Black				73.53%	Silicone 80% PET 20%	Other: Al Si P S Ca Fe;	Reportable: Al Fe Si P;

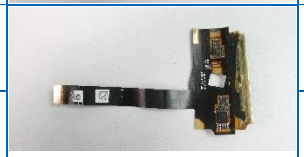
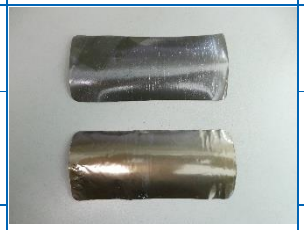
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
	plastic net, Black plastic frame						Trace: Cl K Ti Ni Cu Zn Sb.	
GG2008-02	24-120 Smart Phone Model XT2409, Black plastic net				2.94%	PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Fe Co P;
GG2008-03	24-120 Smart Phone Model XT2409, Black plastic net, Black glue strips				23.53%	PE 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn; Trace: Mn Yb.	Reportable: Al Fe Zn;
GG2009-00	24-120 Smart Phone Model XT2409, Blue cable		0.203	0.12%				
GG2009-01 [3]	24-120 Smart Phone Model XT2409, Blue cable, Blue outer cable jacket				13.79%	PTFE	Main: Co; Other: Al Si P S Ca Ti Fe Ni Zn; Trace: Cl K V Mn Cu Sn Hf.	Reportable: Al Fe Co Zn P; Controlled: Ni.
GG2009-02	24-120 Smart Phone Model XT2409, Blue cable, Black plastic parts				0.49%	PP	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni Cu; Trace: Cr Mn Co Zn Sr Zr Sn W Au.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GG2009-03	24-120 Smart Phone Model XT2409, Blue cable, Golden plates				3.94%		Main: Si P S Ni Cu Sn Au; Other: Al Cl K Ca Ti Ge; Trace: Zr Nb Sb I.	Reportable: Cu Sn Au; Controlled: Ni.
GG2009-04	24-120 Smart Phone Model XT2409, Blue cable, Golden contacts				0.49%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge; Trace: Al Br Sr Y Zr Nb Sb Ba.	Reportable: Cu Sn Au; Controlled: Ni.
GG2009-05	24-120 Smart Phone Model XT2409, Blue cable, Golden contact holders				11.82%		Main: S Ni Cu Sn; Other: Al Si P Cl Ti Ag Au; Trace: Ca Fe Ge As Y Zr Nb I Pr Bi.	Reportable: Al Cu Ag Sn Au; Controlled: Ni.
GG2009-06	24-120 Smart Phone Model XT2409, Blue cable, Wire 1				40.39%		Main: Cu Sn; Other: Al Si P S Cl K Zn Yb; Trace: Ca Fe Sr Y Zr Nb Ba Pr Bi.	Reportable: Al Cu Zn Sn;
GG2009-07	24-120 Smart Phone Model XT2409, Blue cable, Wire 2				8.37%		Main: S K Cu Ag; Other: Al Si P Cl Zn Ge; Trace: Ca Ti Mn Fe Ni Y Zr Nb Rh Nd W.	Reportable: Al Cu Zn Ag;

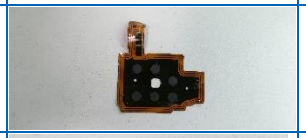
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
GG2009-08 [3]	24-120 Smart Phone Model XT2409, Blue cable, White cable jacket				20.69%	PTFE	Other: Al Si P S Cl Ca Ti; Trace: K V Fe Co Ni Cu.	Reportable: Al Co P;
GG2010-00	24-120 Smart Phone Model XT2409, Bottom speaker		2.930	1.71%				
GG2010-01	24-120 Smart Phone Model XT2409, Bottom speaker, Black plastic housing				23.04%	PC	Main: Si Ca; Other: Al P S K Ti Fe; Trace: Cl Cr Ni Cu Sr Zr Sn Ba.	Reportable: Al Fe Si P;
GG2010-02	24-120 Smart Phone Model XT2409, Bottom speaker, Metal plate 1				15.36%		Main: Cr Mn Fe Ni; Other: Si P S K Ca V Co Cu; Trace: Al Cl Zn Ge As Mo Ba Ce Pr Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2010-03	24-120 Smart Phone Model XT2409, Bottom speaker, Metal plate 2				11.54%		Main: Cr Fe Ni; Other: Si P S K Ca V Mn Co Cu; Trace: Al Cl Zn Ge As Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2010-04	24-120 Smart Phone Model XT2409, Bottom speaker, Flex 1				0.55%		Main: Cu; Other: Al Si P S Cl Ca Fe Ni Zr; Trace: K Mn Sn Sb.	Reportable: Al Fe Cu P;
GG2010-05	24-120 Smart Phone Model XT2409, Bottom speaker, Flex 2				0.17%		Main: Cu; Other: Al Si P S Cl Ca Fe Co Ni; Trace: K Mn Ag.	Reportable: Al Fe Co Cu P; Controlled: Ni.
GG2010-06	24-120 Smart Phone Model XT2409, Bottom speaker, Flex 3				0.24%		Main: S Cu; Other: Al Si P Cl Ca Fe Co Ni Sn; Trace: K Mn Ag.	Reportable: Al Fe Co Cu Sn Si P;
GG2010-07	24-120 Smart Phone Model XT2409, Bottom speaker, Membrane				0.38%	ASA 80% PBT 10% TPU 10%	Main: Al; Other: Si P S Cl K Ca Mn Fe Ni Cu Ga; Trace: Ti V Zn Sn.	Reportable: Al Fe Cu Si P;
GG2010-08	24-120 Smart Phone Model XT2409, Bottom speaker, Metal frame				3.92%		Main: Si P Ca Fe Ni; Other: Al S Cl K Ti Mn Cu Zn; Trace: Cr Co Ba La Ce Pr Nd.	Reportable: Fe Co Zn; Controlled: Ni.
GG2010-09	24-120 Smart Phone Model XT2409, Bottom speaker, Black plastic part				1.64%	PA	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni Zn; Trace: V Cr Mn Cu Br Rb Sr	Reportable: Al Fe Si P; Controlled: Ni.

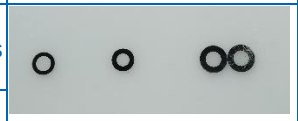
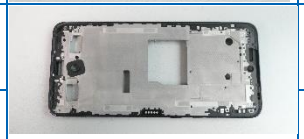
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Zr Nb Ta W.	
GG2010-10	24-120 Smart Phone Model XT2409, Bottom speaker, Black glue strips 1				0.03%	PET 80% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Mn Cu Zn Sb.	Reportable: Al Fe P;
GG2010-11	24-120 Smart Phone Model XT2409, Bottom speaker, Black glue strip 2				0.03%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Mn Fe Ni; Trace: Ti Cu Zn Sb.	Reportable: Al Fe Si P;
GG2010-12	24-120 Smart Phone Model XT2409, Bottom speaker, Black foam pad				0.14%	PUR	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Sr.	Reportable: Al Fe Si P;
GG2010-13	24-120 Smart Phone Model XT2409, Bottom speaker, Copper wire				3.52%		Main: S Cu; Other: Al P Cl Ni Ag; Trace: Si Ca Ti Zn Ge Br Y Zr Nb Rh Yb.	Reportable: Al Cu Ag;
GG2010-14	24-120 Smart Phone Model XT2409, Bottom speaker, Clear glue strip 1				0.17%	PBT 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Ag Sn.	Reportable: Al Fe Si P; Controlled: Ni.
GG2010-15	24-120 Smart Phone Model XT2409, Bottom speaker, Clear glue strip 2				0.03%	PBT 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sn Hf Bi.	Reportable: Al Fe Si P; Controlled: Ni.
GG2010-16	24-120 Smart Phone Model XT2409, Bottom speaker, Magnet 1				11.23%		Main: Fe Zn Pr; Other: Al Si S Cl Co Cu Ga Ge Y Zr Nb Mo Nd W; Trace: Ca V Cr Rb Ru Rh In Sb Bi Th.	Reportable: Al Fe Co Cu Zn Y Pr Nd W;
GG2010-17	24-120 Smart Phone Model XT2409, Bottom speaker, Magnets 2				6.31%		Main: Fe Zn Pr; Other: Al Si S Cl V Co Ni Cu Ga Ge Y Zr Nb Mo W Bi Th; Trace: Ca Br Ru Rh In Sb Tl.	Reportable: Al Fe Co Cu Zn Y Pr W Bi; Controlled: Ni
GG2010-18	24-120 Smart Phone Model XT2409, Bottom speaker, Magnets 3				1.50%		Main: Si Cl Fe Zn Pr; Other: Al S V Co Ni Cu Ge Br Y Zr Nb Mo In Sb Te I Ba La W Tl Bi Th; Trace: Ca Rh.	Reportable: Al Fe Co Cu Zn Y Sb Te Ba La Pr W Tl Bi; Controlled: Ni

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2010-19	24-120 Smart Phone Model XT2409, Bottom speaker, Metal plate 2				4.54%		Main: P Fe Ni; Other: Si S Cl K Ca Cr Mn Zn Bi; Trace: Al Ti Co Ba Nd Th.	Reportable: Cr Fe Co Bi; Controlled: Ni.
GG2010-20	24-120 Smart Phone Model XT2409, Bottom speaker, Metal plate 3				12.53%		Main: P Fe Ni; Other: Al Si S Cl K Cr Mn Zn; Trace: Ca V Y Mo Sb Ba Pr Nd Tl Th.	Reportable: Cr Fe Zn; Controlled: Ni.
GG2010-21	24-120 Smart Phone Model XT2409, Bottom speaker, Plastic nets				0.75%	PET 80% PUR 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GG2010-22	24-120 Smart Phone Model XT2409, Bottom speaker, Pink glue				0.03%	PUR	Other: Al Si P S Cl Ca Fe Ni Cu; Trace: K Mn Co Zn Ag Sn.	Reportable: Al Fe Co Cu P;
GG2010-23	24-120 Smart Phone Model XT2409, Bottom speaker, Granulat				2.35%	Acrylnitril-Butadien-Kautschuk	Other: Al Si P S K Ca; Trace: Cl Fe Co Ni Cu.	Reportable: Al Co P;
GG2011-00	24-120 Smart Phone Model XT2409, Brand label		0.049	0.03%		PMMA	Other: Al Si P S Cl Ca Ti Zn Zr In Sb; Trace: K Fe Ni Cu Sn Hf.	Reportable: Al Sb P;
GG2012-00	24-120 Smart Phone Model XT2409, Charging PWB		1.033	0.60%				
GG2012-01	24-120 Smart Phone Model XT2409, Charging PWB				99.23%		Main: Si P S Ca Fe Ni Cu Ag Sn; Other: Al Cl K Cr Co Sr Mo Rh Pd I Ba Hf Au Pb; Trace: V Mn Zn Ga Ge Rb Zr Ru Ce. See x,y scan (chapter 4)	Reportable: Al Cr Fe Co Cu Pd Ag Sn Ba Au Si P; **Controlled**: Ni **Pb**.
GG2012-02	24-120 Smart Phone Model XT2409, Charging PWB, Red seal				0.68%	PMMA	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn.	Reportable: Al Fe P; Controlled: Ni.
GG2012-03	24-120 Smart Phone Model XT2409, Charging PWB, Humidity Indicator				0.10%	Paper 80% Acrylic	Main: P; Other: Al Si S Cl K Ca Ti Mn Fe Ni; Trace: Cr Cu Zn Ag 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 [1)]
GG2013-00	24-120 Smart Phone Model XT2409, Clear glue 1-3		0.009	0.01%				
GG2013-01	24-120 Smart Phone Model XT2409, Clear glue 1				22.22%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Cr Mn Fe Co Ni Cu Zn; Trace: Ti Sb.	Reportable: Al Cr Fe Co Cu Zn Si P; Controlled: Ni.
GG2013-02	24-120 Smart Phone Model XT2409, Clear glue 2				11.11%	Acrylic	Main: P; Other: Al Si S Cl K Ca Fe Co Ni Cu Zn; Trace: Ti Cr Mn Ga Sn.	Reportable: Al Fe Co Cu P; Controlled: Ni.
GG2013-03	24-120 Smart Phone Model XT2409, Clear glue 3				66.67%	PET 80% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Fe Ni; Trace: Ti Cr Mn Co Cu Zn Sb Hf.	Reportable: Al Fe Co Si P;
GG2014-00	24-120 Smart Phone Model XT2409, Clear glue strips 1-2		0.155	0.09%				
GG2014-01	24-120 Smart Phone Model XT2409, Clear glue strip 1				61.29%	PET 80% Acrylic 20%	Other: Al Si P S Ca Fe; Trace: Cl K Mn Ni Cu Zn Sb.	Reportable: Al Fe;
GG2014-02	24-120 Smart Phone Model XT2409, Clear glue strip 2				38.71%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Mn Ni Cu Zn Sb.	Reportable: Al Fe;
GG2015-00	24-120 Smart Phone Model XT2409, Connection flex		0.783	0.46%			Main: P Cr Mn Fe Ni Cu; Other: Al Si S Cl K Ca V Co Zr Mo Sn; Trace: Zn Ga Ge Ru Rh Pd Ag I Ba Ce. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Co Cu P; Controlled: Ni.
GG2016-00	24-120 Smart Phone Model XT2409, Copper glue strips 1-2		0.382	0.22%				
GG2016-01	24-120 Smart Phone Model XT2409, Copper glue strip 1					Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P Ca Fe Ta; Trace: S Cl K Cr Mn Ga Ru Rh Ag Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2016-02	24-120 Smart Phone Model XT2409, Copper glue strip 2					Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Ca Fe Ta; Trace: Cl K Cr Mn Ga Y Ag	Reportable: Al Fe Cu P; Controlled: Ni.

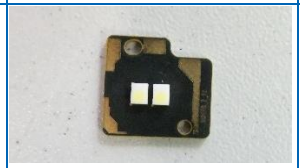
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Sn Sb Ba La Ce.	
GG2017-00	24-120 Smart Phone Model XT2409, Copper plate		4.304	2.51%			Main: Cu; Other: Al Si P Cl Zn Nd; Trace: S Ca Cr Mn Fe Ga Ge Y Zr Nb Rh Ba La Ce Yb W Bi.	Reportable: Al Cu Zn Nd;
GG2018-00	24-120 Smart Phone Model XT2409, Display flex		1.105	0.65%				
GG2018-01	24-120 Smart Phone Model XT2409, Display flex				96.65%		Main: Si Ni Cu Sn Ba; Other: Al P S Cl K Ca Ti Fe Zr Ag I La Ce Yb W Au Pb; Trace: V Mn Ga Sr Pd In Ta. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba La Ce W Au Si P; **Controlled**: Ni **Pb**.
GG2018-02	24-120 Smart Phone Model XT2409, Display flex, Clear glue strip				2.35%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Co Ag Sb.	Reportable: Al Fe Co Cu; Controlled: Ni.
GG2018-03	24-120 Smart Phone Model XT2409, Display flex, Metallic glue strips				0.45%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Ag Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GG2018-04	24-120 Smart Phone Model XT2409, Display flex, Black glue strip				0.54%	PET 80% Acrylic 20%	Main: Si Ni Cu; Other: Al P S Cl K Ca Fe; Trace: Ti Mn Co Zn Ag Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GG2019-00	24-120 Smart Phone Model XT2409, Display foils		3.400	1.99%				
GG2019-01	24-120 Smart Phone Model XT2409, Display foils, Display front foil				45.29%	PMMA 80% Acrylic 80%	Other: Al Si P S Cl K Ca Ti Ag I; Trace: Fe Zn Sb Te Yb.	Reportable: Al Ag P;
GG2019-02	24-120 Smart Phone Model XT2409, Display foils, Display back foil				54.71%	PET 40% PEI 40% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti Fe Mo Ag In; Trace: Ga Nb Ba.	Reportable: Al Fe Ag Si;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2020-00	24-120 Smart Phone Model XT2409, Display front glass		15.761	9.21%				
GG2020-01	24-120 Smart Phone Model XT2409, Display front glass				99.79%		Main: Al Si K; Other: P Cl Ca Sn; Trace: S Ti Fe Ga Zr.	Reportable: Al Sn Si P;
GG2020-02	24-120 Smart Phone Model XT2409, Display front glass, Black seal				0.21%	PUR	Other: Al Si P S Cl K Ca Fe; Trace: Ti Ni Cu Zn.	Reportable: Al Fe Si;
GG2021-00	24-120 Smart Phone Model XT2409, Flex 1		0.510	0.30%			Main: Si P S Fe Co Ni Cu Zn; Other: Al Cl Ca Mn Sr Zr Mo Ba Ta W; Trace: K V Ga Ge.	Reportable: Al Fe Co Cu Zn Ba Ta W Si P; Controlled: Ni.
GG2022-00	24-120 Smart Phone Model XT2409, Front camera		0.255	0.15%				
GG2022-01	24-120 Smart Phone Model XT2409, Front camera, Black plastic housing				17.65%	PC	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu.	Reportable: Al Fe P;
GG2022-02	24-120 Smart Phone Model XT2409, Front camera, PWB				42.75%		Main: Si S Ca Ni Cu; Other: Al P Cl K Ti Fe Co Sr Zr Pd Ag Sn I Ba Ta Au; Trace: Cr Mn Ga Ge La Ce. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Pd Ag Sn Ba Ta Au Si P; Controlled: Ni.
GG2022-03	24-120 Smart Phone Model XT2409, Front camera, Foil rings				0.39%	PET	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Zn.	Reportable: Al Fe Si P;
GG2022-04	24-120 Smart Phone Model XT2409, Front camera, Black plastic frame				12.94%	PA	Main: Si Ca; Other: Al P S K Ti V Fe Ba; Trace: Cl Mn Ni Cu Zn Sr Zr Nb W.	Reportable: Al Fe Ba Si P;
GG2022-05	24-120 Smart Phone Model XT2409, Front camera, Black metal ring				5.10%		Main: S Cu Zn; Other: Al Si P Cl K Fe Ni Bi; Trace: Ca Ti Ge As Y Sb Ba Th.	Reportable: Al Fe Cu Zn 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 [1)]
GG2022-06	24-120 Smart Phone Model XT2409, Front camera, Black plastic ring				0.39%	PMMA	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn W Bi.	Reportable: Al Fe Cu Si P;
GG2022-07	24-120 Smart Phone Model XT2409, Front camera, Glass plate				6.67%		Main: Ba; Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn Sn Ta; Trace: V Ga Sr Ag Sb Te I Ce.	Reportable: Al Fe Cu Zn Sn Ba P; Controlled: Ni.
GG2022-08	24-120 Smart Phone Model XT2409, Front camera, Plastic lenses				14.12%	PMMA	Other: Al Si P Ca Ti; Trace: S Fe Ni Ba.	Reportable: Al Si;
GG2023-00	24-120 Smart Phone Model XT2409, Glass lens 1-4		0.436	0.25%				
GG2023-01	Smart Phone Model XT2409, Glass lens 1				22.71%		Main: Al Si P K; Other: S Cl Ca Ti Fe Zr Sn; Trace: Ga Y Mo Ba Hf.	Reportable: Al Fe Sn Si P;
GG2023-02	Smart Phone Model XT2409, Glass lens 2				22.94%		Main: Al Si P K; Other: S Cl Ca Zr Sn Hf; Trace: Ti Fe Ga Y Mo Ba.	Reportable: Al Sn Si P;
GG2023-03	Smart Phone Model XT2409, Glass lens 3+4				54.36%		Main: Si S K; Other: Al P Cl Ca Ti V Cr Zr Sn Ba La; Trace: Mn Fe Ga Sr Sb.	Reportable: Al Cr Sn Ba La Si P;
GG2024-00	24-120 Smart Phone Model XT2409, Gray plastic plate		0.060	0.04%		PET	Other: Al Si P S Cl Ca Ti Zn Zr Sb; Trace: K V Fe Ni Cu Ba Hf.	Reportable: Al Sb;
GG2025-00	24-120 Smart Phone Model XT2409, Housing frame		30.754	17.97%				
GG2025-01	24-120 Smart Phone Model XT2409, Housing frame, Black seal				0.13%	PUR	Other: Al Si P S Cl Ca Fe; Trace: K Ni Cu.	Reportable: Al Fe;
GG2025-02	24-120 Smart Phone Model XT2409, Housing frame, Black glue strip 1				0.03%	PUR 60% PET 20% Acrylic 20%	Main: P; Other: Al Si S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Sn Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GG2025-03	24-120 Smart Phone Model XT2409, Housing				0.02%	PET	Other: Al Si P S Ca Fe Cu Zn;	Reportable: Al Fe Co Cu 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 [1)]
	frame, Black plastic plate						Trace: Cl K Co Ni Sb.	
GG2025-04	24-120 Smart Phone Model XT2409, Housing frame, Black plastic rings				0.02%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Co Sb.	Reportable: Al Fe Co Cu Zn Si P;
GG2025-05	24-120 Smart Phone Model XT2409, Housing frame, Black glue strip 2				0.01%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Mn Sb.	Reportable: Al Fe P;
GG2025-06	24-120 Smart Phone Model XT2409, Housing frame, Black plastic part 1				0.06%	TPC	Other: Al Si P S Ca Fe Zn; Trace: Cl K Ti Ni Cu In.	Reportable: Al Fe Zn P;
GG2025-07	24-120 Smart Phone Model XT2409, Housing frame, Black plastic parts 2				0.19%	PC	Main: Ca; Other: Al Si P S K Ti Fe; Trace: Cl V Mn Ni Cu Sr Zr.	Reportable: Al Fe Si P;
GG2025-08	24-120 Smart Phone Model XT2409, Housing frame, Black plastic part 3				0.25%	PUR	Main: Si Ca; Other: Al P S K Ti Fe; Trace: Cl V Cr Mn Co Ni Cu Zn Sr Zr Ba Ce.	Reportable: Al Fe Co Si P;
GG2025-09	24-120 Smart Phone Model XT2409, Housing frame, Plastic buttons				0.22%	PC 80% PMMA 20%	Main: Ti; Other: Al Si P S Cl K Ca; Trace: V Fe Ni Cu Zr In Ce.	Reportable: Al Si P;
GG2025-10	24-120 Smart Phone Model XT2409, Housing frame, Golden metal plates				0.04%		Main: Si P S Ni Cu Sn Au; Other: Al Cl K Ca Ti Mn Zn Ge Nd; Trace: V Fe Zr Nb I Ba.	Reportable: Cu Zn Sn Nd Au; Controlled: Ni.
GG2025-11	24-120 Smart Phone Model XT2409, Housing frame, Clear rubber rings				0.02%	Silicone	Main: Si; Other: Al P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Zr Hf.	Reportable: Al Fe Si P;
GG2025-12	24-120 Smart Phone Model XT2409, Housing frame, Clear glue strip				0.00%	PET 80% Silicone 20%	Main: P; Other: Al Si S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Co Zn Y Sn Sb.	Reportable: Al Fe Co Si P; Controlled: Ni.
GG2025-13	24-120 Smart Phone Model XT2409, Housing frame, Humidity Indicator				0.00%	Paper	Main: P; Other: Al Si S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Ag Sn.	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 [1]
GG2025-14 [3]	24-120 Smart Phone Model XT2409, Housing frame, Paper sheet				0.00%	PTFE	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn.	Reportable: Al Fe P;
GG2025-15	24-120 Smart Phone Model XT2409, Housing frame, Black glue strip 2				0.00%	PE	Other: Al Si P S Cl Ca Fe Ni Zn; Trace: K Ti Mn Cu Hf.	Reportable: Al Fe Zn P;
GG2025-16	24-120 Smart Phone Model XT2409, Housing frame, Black plastic frame				28.08%	PC	Main: Si Ca; Other: Al P S K Ti Fe; Trace: Cl V Ni Cu Sr Zr In Ba La.	Reportable: Al Fe Si P;
GG2025-17	24-120 Smart Phone Model XT2409, Housing frame				70.91%		Main: Al Si Cu; Other: P S Cl K Ca Ti Cr Mn Fe Ni Zn; Trace: V Ga Sr Zr Sn Ce Yb W.	Reportable: Al Cr Fe Cu Zn; Controlled: Ni.
GG2026-00	24-120 Smart Phone Model XT2409, Labels 1-6		0.031	0.02%				
GG2026-01	24-120 Smart Phone Model XT2409, Label 1				22.58%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni; Trace: Mn Cu Zn Sr Zr.	Reportable: Al Fe Si P;
GG2026-02	24-120 Smart Phone Model XT2409, Label 2				19.35%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Cr Fe Ni Cu; Trace: Ti Mn Zn Br Sr Zr Sb W.	Reportable: Al Cr Fe Cu P; Controlled: Ni.
GG2026-03	24-120 Smart Phone Model XT2409, Label 3				19.35%	PET 80% Acrylic 20%	Main: Ti; Other: Al Si P S Cl K Ca Fe Ni; Trace: Mn Co Cu Zn Zr Sb.	Reportable: Al Fe Co Si P;
GG2026-04	24-120 Smart Phone Model XT2409, Label 4				9.68%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni Cu; Trace: Ti Cr Mn Co Zn Br Sr Zr.	Reportable: Al Fe Co Cu Si P;
GG2026-05	24-120 Smart Phone Model XT2409, Label 5				25.81%	Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Br Sr Hf.	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 [1)]
GG2026-06	24-120 Smart Phone Model XT2409, Label 6				3.23%	PP 80% Acrylic 20%	Main: S Ca; Other: Al Si P Cl K Ti Fe Ni; Trace: V Mn Cu Zn Sr Zr Sb.	Reportable: Al Fe Si P;
GG2027-00	24-120 Smart Phone Model XT2409, Flashlight PWB		0.294	0.17%			Main: Si S Ni Cu; Other: Al P Cl K Ca Ti Mn Fe Ba Ta Au; Trace: Cr Ga Ge Sr Zr Pd Ag Sn Ce Tl Th. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ba Ta Au Si P; Controlled: Ni.
GG2028-00	24-120 Smart Phone Model XT2409, Light guide		0.123	0.07%		PMMA	Other: Al Si P S Ca; Trace: Cl K Fe.	Reportable: Al;
GG2029-00	24-120 Smart Phone Model XT2409, Main PWB		14.581	8.52%				
GG2029-01	24-120 Smart Phone Model XT2409, Main PWB				63.46%		See x,y- scan (chapter 4)	**Controlled: Pb**
GG2029-02	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 1				5.75%		Main: Al Si Cr Fe Ni Mo; Other: P S Cl K Ca V Mn Co Cu; Trace: Rh Ba La Pr.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
GG2029-03	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 2				6.60%		Main: Si Ni Cu Zn; Other: Al P S Cl Mn Fe Sn; Trace: Ca Co Ga Ge As Se Y Zr Rh Ag Ba Nd Bi.	Reportable: Al Fe Co Cu Zn Sn; Controlled: Ni.
GG2029-04	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 3				7.83%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn Nd; Trace: Ca Co Ga Ge Se Y Zr Rh Ag Ba La Bi.	Reportable: Al Fe Co Cu Zn Sn Nd; Controlled: Ni.
GG2029-05	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 4				5.66%		Main: Ni Cu Zn; Other: Al Si P S Cl Ti Mn Fe Ag Sn Nd; Trace: Ca Cr Co Ga Ge As Y Zr Ba Bi.	Reportable: Al Fe Co Cu Zn Ag Sn Nd; Controlled: Ni.
GG2029-06	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 5				4.42%		Main: Si Ni Cu Zn; Other: P S Cl K Cr Mn Fe Sn Nd; Trace: Al Ca Ti Co Ga Ge Zr.	Reportable: Cr Fe Co Cu Zn Sn Nd; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2029-07	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 6				1.51%		Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Sn; Trace: Ca Co Ga Ge Se Br Y Zr Ag I Ba La Ce Nd Bi.	Reportable: Al Fe Co Cu Zn Sn; Controlled: Ni.
GG2029-08	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 7				0.55%		Main: S Ni Cu Zn; Other: Al Si P Cl Fe Ag Sn; Trace: Ca Ti Mn Ge As Br Y Zr Sb Ba.	Reportable: Al Fe Cu Zn Ag Sn; Controlled: Ni.
GG2029-09	24-120 Smart Phone Model XT2409, Main PWB, Metal shielding 8				0.56%		Main: Ni Cu Zn; Other: Al Si P S Cl K Mn Fe Sn; Trace: Ca Ti Co Ga Ge Se Y Zr I Ba Bi.	Reportable: Al Fe Co Cu Zn Sn; Controlled: Ni.
GG2029-10	24-120 Smart Phone Model XT2409, Main PWB, Thermal paste				2.96%		Main: Al; Other: Si P S Ca Fe Y; Trace: Cl K Ti V Ni Cu Zn Ga Sn Sb Ba.	Reportable: Al Fe Y Si P;
GG2029-11	24-120 Smart Phone Model XT2409, Main PWB, Metal plates				0.23%		Main: Si Ni Cu Zn; Other: Al P S Cl Mn Fe Sn Nd; Trace: Ca Ti Ga Ge As Zr Ag Ba.	Reportable: Al Fe Cu Zn Sn Nd; Controlled: Ni.
GG2029-12	24-120 Smart Phone Model XT2409, Main PWB, Black rubber cover				0.13%	Silicone	Main: Si; Other: P S Cl K Ca Fe Zn; Trace: Ti Ni Cu Zr.	Reportable: Fe Zn Si P;
GG2029-13	24-120 Smart Phone Model XT2409, Main PWB, Golden shielding				0.06%		Main: Si P S Ni Cu Zn Au; Other: Al Cl K Ca Ti Sn Sb; Trace: Ge Zr Ba.	Reportable: Cu Zn Sn Sb Au; Controlled: Ni
GG2030-00	24-120 Smart Phone Model XT2409, Metal plate 1		0.340	0.20%			Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2031-00	24-120 Smart Phone Model XT2409, Metal rings 1-4		0.979	0.57%				
GG2031-01	24-120 Smart Phone Model XT2409, Metal ring 1				75.59%		Main: Al Si S; Other: P Cl K Ca Ti V Mn Fe Ni Cu Zn Ga; Trace: Pr Yb.	Reportable: Al Fe Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2031-03	24-120 Smart Phone Model XT2409, Metal ring 3				13.18%		Main: Al Si S; Other: P Cl K Ca Ti V Cr Mn Fe Ni Cu Zn Ga; Trace: Yb.	Reportable: Al Cr Fe Cu; Controlled: Ni.
GG2031-04	24-120 Smart Phone Model XT2409, Metal ring 4				11.24%		Main: Al; Other: Si P S Cl K Ca Mn Fe Cu; Trace: Ti V Ni Zn Ga Yb.	Reportable: Al Fe Cu;
GG2032-00	24-120 Smart Phone Model XT2409, Metallic foam pads 1-3		0.004	0.00%				
GG2032-01	Smart Phone Model XT2409, Metallic foam pad 1				50.00%	PET 40% TPU 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Cr Mn Co Mo Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GG2032-02	Smart Phone Model XT2409, Metallic foam pad 2				25.00%	PET 40% TPU 40% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Mn Fe; Trace: Co Ga Sn Sb Ta.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GG2032-03	Smart Phone Model XT2409, Metallic foam pad 3				25.00%	PET 40% TPU 40% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Fe; Trace: Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2033-00	24-120 Smart Phone Model XT2409, Metallic foil		1.390	0.81%			Other: Al Si P Ca; Trace: S Cl K Fe Ni Sb Ba.	Reportable: Al;
GG2034-00	24-120 Smart Phone Model XT2409, Metallic glue strips 1-3		0.111	0.06%				
GG2034-01	24-120 Smart Phone Model XT2409, Metallic glue strip 1				7.21%	PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S K Ca Ti Mn Fe Ta; Trace: Cl V Cr Ga Zr Sn Sb Te Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2034-02	24-120 Smart Phone Model XT2409, Metallic glue strip 2				7.21%	PET 80% Acrylic 20%	Main: P Ni Cu; Other: Al Si S Cl K Ca Ti Mn Fe Co; Trace: Cr Ga Zr Sn Sb Ta.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2034-03	24-120 Smart Phone Model XT2409, Metallic glue strip 3				85.59%	PET 90% Acrylic 10%	Main: Ni Cu; Other: Al Si P S Ca Ti Fe Ta; Trace: Cl K Mn Ga Zr Sn Sb Ba.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GG2035-00	24-120 Smart Phone Model XT2409, Metallic shock pads 1-4		0.091	0.05%				
GG2035-01	24-120 Smart Phone Model XT2409, Metallic shock pads 1				10.99%	PET 40% PUR 40% Acrylic 20%	Main: Al Ni Cu; Other: Si P S Cl K Ca Ti Mn Fe; Trace: Cr Ga Zr Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GG2035-02	24-120 Smart Phone Model XT2409, Metallic shock pads 2				43.96%	PET 40% PUR 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S K Ca Ti Fe; Trace: Cl Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2035-03	24-120 Smart Phone Model XT2409, Metallic shock pads 3				31.87%	PET 40% PUR 40% Acrylic 20%	Main: P Ni Cu; Other: Al Si S K Ca Fe; Trace: Ti Cr Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2035-04	24-120 Smart Phone Model XT2409, Metallic shock pads 4				13.19%	PET 40% PUR 40% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GG2036-00	24-120 Smart Phone Model XT2409, Mute button flex		0.960	0.56%			Main: Al P Fe Ni Cu Sn; Other: Si S Cl K Ca Cr Mn Co Zr Mo Ag W; Trace: Ti I. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Co Cu Ag Sn W Si P; Controlled: Ni.
GG2037-00	24-120 Smart Phone Model XT2409, NFC flex		2.718	1.59%				
GG2037-01	24-120 Smart Phone Model XT2409, NFC flex, Metallic glue strip				53.02%	PET 90% Acrylic 10%	Main: Si Fe Cu Nb; Other: Al P S Cl K Ca Cr Mn; Trace: Ti V Ge Ru Rh Pd Sn Sb Ba La Ce.	Reportable: Al Cr Fe Cu Si P;
GG2037-02	24-120 Smart Phone Model XT2409, NFC flex, Copper wire				41.91%		Main: Cu; Other: Al Si P S Cl K Fe Zn Nd; Trace: Ca Ti Mn Ga Ge Y Zr Nb Rh Ba La Ce Pr Bi.	Reportable: Al Fe Cu Zn Nd;
GG2037-03	24-120 Smart Phone Model XT2409, NFC flex				3.13%		Main: Si P Fe Cu; Other: Al S Cl Ca Ti Ni Zn Zr	Reportable: Al Fe Cu Zn Ag Sn Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
							Nb Ag Sn; Trace: K Mn Ga Ru Ba La Tl. See x,y- scan (chapter 4)	Controlled: Ni.
GG2037-04	24-120 Smart Phone Model XT2409, NFC flex, Black glue strip 1				0.81%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Cr Mn Fe Ni Cu; Trace: Co Zn Sn Sb Hf.	Reportable: Al Cr Fe Co Si P; Controlled: Ni.
GG2037-05	24-120 Smart Phone Model XT2409, NFC flex, Black glue strip 2				0.52%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni Cu; Trace: Ti Cr Zn Sn Sb Hf.	Reportable: Al Fe Si P;
GG2037-06	24-120 Smart Phone Model XT2409, NFC flex, Clear glue strip 1				0.15%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni; Trace: Ti Co Cu Zn Sn Sb.	Reportable: Al Fe Co Si P;
GG2037-07	24-120 Smart Phone Model XT2409, NFC flex, Clear glue strips 2				0.48%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Sn Sb.	Reportable: Al Fe Co Si P;
GG2038-00	24-120 Smart Phone Model XT2409, PWB 1		0.082	0.05%			Main: S Ca Ni Cu Sn; Other: Al Si P Cl K Ti Fe Sr Zr Ag I Ba Ta Au; Trace: Cr Mn Ga Ge Y La Ce. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Ag Sn Ba Ta Au Si P; Controlled: Ni.
GG2039-00	24-120 Smart Phone Model XT2409, Rear camera 1		2.372	1.39%				
GG2039-01	24-120 Smart Phone Model XT2409, Rear camera 1, PWB				32.97%		Main: Si Ca Fe Cu; Other: Al P S Cl K Ti Cr Mn Co Ni Zn Mo Ag Sn Ba Yb Hf Ta W Au; Trace: V Ga Ge Se Br Sr Zr Nb Rh Pd I. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Co Cu Zn Ag Sn Ba Ta W Au Si P; Controlled: Ni.
GG2039-02	24-120 Smart Phone Model XT2409, Rear camera 1, Metal frame 1				12.02%		Main: S Cr Fe Ni Mo; Other: Si P Cl K Ca Ti V Mn Co Cu; Trace: Al Ge Nb Rh Sn Sb	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
							Ba.	
GG2039-03	24-120 Smart Phone Model XT2409, Rear camera 1, Metal frame 2				2.49%		Main: S Cr Fe Ni Cu Mo; Other: Si P Cl K Ca Mn Co Zn; Trace: Al Ti V Ge Nb Rh Sn Sb Th.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2039-04	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic frame frame 1				6.11%	Polyester GF	Main: S; Other: Al Si P Cl K Ca Fe Rb; Trace: Ti Mn Ni Cu Zn Ga Nb Sn W.	Reportable: Al Fe Rb Si P;
GG2039-05	24-120 Smart Phone Model XT2409, Rear camera 1, Copper glue strip				2.61%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Ti Fe Ta; Trace: K Cr Mn Ga Zr Nb Ru Ag Sn Sb Te Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2039-06	24-120 Smart Phone Model XT2409, Rear camera 1, Foil rings				0.04%	PET	Other: Al Si P S Cl K Ca Cr Fe Ni; Trace: Ti Mn Cu Zn Sb.	Reportable: Al Cr Fe Si P;
GG2039-07	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic part 1				6.32%	PC	Other: Al Si P S Ca; Trace: Cl K Ti Fe Ni Cu.	Reportable: Al Si P;
GG2039-08	24-120 Smart Phone Model XT2409, Rear camera 1, Black plstic rings				0.67%	PC	Other: Al Si P S Ca Fe; Trace: Cl K Ni Cu Zn.	Reportable: Al Fe;
GG2039-09	24-120 Smart Phone Model XT2409, Rear camera 1, Black metal ring				1.94%		Main: Cu Zn; Other: Al Si P S Cl Fe Ge Nd Bi; Trace: Ca Ti Mn Ga Y Sb Ba Th.	Reportable: Al Fe Cu Zn Nd Bi;
GG2039-10	24-120 Smart Phone Model XT2409, Rear camera 1, Magnets				9.11%		Main: Si S Cl Fe Ni Cu Pr; Other: K Ti V Cr Co Zn Rb Sr Y Zr Nb Mo Te Ba Bi Th; Trace: Al Ca Ge Br Ru Rh In Sb Tl.	Reportable: Cr Fe Co Cu Zn Rb Y Te Ba Pr Bi; Controlled: Ni
GG2039-11	24-120 Smart Phone Model XT2409, Rear				2.57%	Polyester GF	Main: Al Si K; Other: P S Cl Ca Ti Fe Rb;	Reportable: Al Fe Rb Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	camera 1, Black plastic part 2						Trace: V Mn Ni Cu Zn Ga Nb Ba W.	
GG2039-12	24-120 Smart Phone Model XT2409, Rear camera 1, Metal frame 3				2.82%		Main: Si S K Cr Fe Ni; Other: P Cl Ca Ti V Mn Cu Mo; Trace: Al Co Ge Rb Nb Ba Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2039-13	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic frame 2				3.37%	PC	Main: Si Ca; Other: Al P S Cl K Ti Fe Sr; Trace: Cr Mn Ni Zr Ba.	Reportable: Al Fe Si P;
GG2039-14	24-120 Smart Phone Model XT2409, Rear camera 1, Flex				2.66%		Main: Ni Cu Sn; Other: Al Si P S Cl K Ca Fe Pd Ag I Au; Trace: Ti Cr Mn Ga Ba Tl Bi. See x,y- scan (chapter 4)	Reportable: Al Fe Cu Pd Ag Sn Au Si P; Controlled: Ni.
GG2039-15	24-120 Smart Phone Model XT2409, Rear camera 1, Copper wire				3.37%		Main: Si S Cu; Other: Al P Cl K Ti Zn; Trace: Ca Cr Fe Ni Zr Nb In Sb Ba Yb W.	Reportable: Al Cu Zn;
GG2039-16	24-120 Smart Phone Model XT2409, Rear camera 1, Metal plate				1.77%		Main: S Cr Fe; Other: Si P Cl K Ca Ti V Mn Ni; Trace: Al Cu Zn Ge As Nb Mo Ba La Th.	Reportable: Cr Fe; Controlled: Ni.
GG2039-17	24-120 Smart Phone Model XT2409, Rear camera 1, Metal frame 4				1.31%		Main: P S Cr Fe Ni Cu; Other: Si Cl K Ca Ti Mn Co Zn Mo; Trace: Al V Ge Br Y Zr Nb Sb Ba Th.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2039-18	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic part 3				0.76%	Polyester GF	Main: S; Other: Al Si P Cl K Ca Fe Ni Rb; Trace: Ti Mn Cu Zn Ga Nb Sn W.	Reportable: Al Fe Rb Si P;
GG2039-19	24-120 Smart Phone Model XT2409, Rear camera 1, Plastic lenses				5.73%	PMMA	Other: Al Si P Ca Ti; Trace: S K Fe Ni Zn.	Reportable: Al Si;
GG2039-20	24-120 Smart Phone Model XT2409, Rear				0.21%	PEBA	Main: Si; Other: Al P S Cl K Ca Ti Fe;	Reportable: Al Fe Si P;

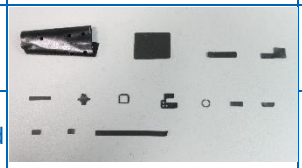
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	camera 1, White glue 1						Trace: V Mn Ni Cu Zn Sn Bi.	
GG2039-21	24-120 Smart Phone Model XT2409, Rear camera 1, White glue 2				0.38%	Epoxy	Main: Si; Other: Al P S Cl Ca Fe Ni; Trace: K Ti Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;
GG2039-22	24-120 Smart Phone Model XT2409, Rear camera 1, White balls				0.38%		Main: P Zr; Other: Al Si S Cl K Ca Fe Ni Y Hf; Trace: Ti Mn Cu Nb Sb W Bi.	Reportable: Al Fe Y Si P;
GG2039-23	24-120 Smart Phone Model XT2409, Rear camera 1, Gray balls				0.21%		Main: P Zr; Other: Al Si S Cl K Ca Fe Ni Y Hf; Trace: Ti Mn Cu Zn Ga As Sn Bi.	Reportable: Al Fe Y P;
GG2039-24	24-120 Smart Phone Model XT2409, Rear camera 1, Yellow balls				0.17%		Main: S Zr; Other: Al Si P Cl Ca Fe Y Ce Hf; Trace: K V Cr Ga Mo Sb Ta Bi.	Reportable: Al Fe Y Ce P;
GG2040-00	24-120 Smart Phone Model XT2409, Rear camera 2		1.610	0.94%				
GG2040-01	24-120 Smart Phone Model XT2409, Rear camera 2, PWB				24.66%		Main: Si S Ni Cu Sn; Other: Al P Cl K Ca Ti Mn Fe Co Sr Zr Mo Pd Ag Ba Yb Hf Ta W Au; Trace: Cr Ga Ge Se Br Rh Tl. See x,y- scan (chapter 4)	Reportable: Al Fe Co Cu Pd Ag Sn Ba Ta W Au Si P; Controlled: Ni.
GG2040-02	24-120 Smart Phone Model XT2409, Rear camera 2, Metal frame 1				15.03%		Main: Cr Fe Ni Mo; Other: Si P Cl K Ca V Mn Co Cu; Trace: Al Ge Rh Sb Ba La Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2040-03	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic frame				3.17%	PMMA	Main: S Cu; Other: Al Si P Cl K Ca Ti Mn Fe Zn Ba Hf; Trace: Cr Ni Ga Sr Zr W.	Reportable: Al Fe Cu Ba Si P;
GG2040-04	24-120 Smart Phone Model XT2409, Rear camera 2, Copper glue				2.92%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe Ta;	Reportable: Al Fe Cu P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	strip						Trace: Cr Ga Zr Ru Ag Sn Sb Ba.	
GG2040-05	24-120 Smart Phone Model XT2409, Rear camera 2, Magnets				21.61%		Main: Fe Ni Cu Pr; Other: Al Si S Cl V Zn Ge Rb Y Zr Nb Mo Te Bi Th; Trace: Ca Co Ru Rh In Sb Ba Tl.	Reportable: Al Fe Co Cu Zn Rb Y Te Pr Bi; Controlled: Ni
GG2040-06	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic part 1				1.93%	Polyester GF	Main: Al Si P S Ca; Other: Cl K Fe Sr Ba; Trace: V Cr Mn Ni Cu Zn Rb I.	Reportable: Al Fe Ba Si P;
GG2040-07	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic part 2				3.35%	Polyester GF	Main: Si S Ca; Other: Al P Cl K Mn Fe Ba; Trace: V Cr Co Ni Cu Zn Sr Sn I.	Reportable: Al Fe Co Ba Si P;
GG2040-08	24-120 Smart Phone Model XT2409, Rear camera 2, Blue glass				0.75%		Main: Cu Zn Ba; Other: Al Si P S Cl K Ca Ti Ce Ta; Trace: V Mn Ga Sr Sn Sb Te I.	Reportable: Al Cu Zn Ba Ce P;
GG2040-09	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic frame 2				10.31%	PP	Main: Si P S Ca; Other: Al Cl K Ti Fe Cu Zn Ba; Trace: V Mn Ni Sr Zr Nb La.	Reportable: Al Fe Cu Zn Ba Si P;
GG2040-10	24-120 Smart Phone Model XT2409, Rear camera 2, Copper wire				0.93%		Main: Si P S Cu; Other: Al Cl Ca Ni Zn Ba; Trace: Ti Ge Br Y Zr Nb Sb.	Reportable: Cu Zn Ba;
GG2040-11	24-120 Smart Phone Model XT2409, Rear camera 2, Contacts 1				0.19%		Main: Si P S Cu Sn; Other: Cl Ca Ti Ni Zn Ge Ag Ba La; Trace: Al Br Rb Sr Y Zr Nb Sb Pr Yb Th.	Reportable: Cu Ag Sn Ba La; Controlled: Ni.
GG2040-12	24-120 Smart Phone Model XT2409, Rear camera 2, Copper ring				0.06%		Main: Si P S Cu; Other: Cl Ti Ni Zn Ba; Trace: Al Ca Ge Br Sr Y Zr Nb In Sb.	Reportable: Cu Ba;
GG2040-13	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic housing				8.14%	PC	Main: P; Other: Al Si S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn.	Reportable: Al Fe Si P;

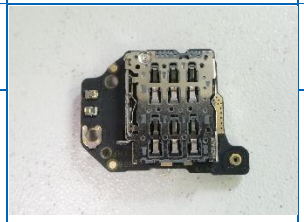
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2040-14	24-120 Smart Phone Model XT2409, Rear camera 2, Foil rings				0.06%	PET	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sb.	Reportable: Al Fe Si P;
GG2040-15	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic ring				0.62%	PC	Other: Al Si P S Cl Ca; Trace: K Fe Ni Cu Zn.	Reportable: Al;
GG2040-16	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic part				1.12%	Polyester GF	Main: Si P S Ca; Other: Al Cl K Fe Sr Ba; Trace: V Cr Mn Ni Cu Zn Rb.	Reportable: Al Fe Ba Si P;
GG2040-17	24-120 Smart Phone Model XT2409, Rear camera 2, Contacts 2				0.25%		Main: P S Cr Fe; Other: Si Cl K Ca Ti Ni Cu Zn Ge Ba Th; Trace: Al As Br Y Zr Nb In Sb La Yb.	Reportable: Cr Fe Cu Zn Ba; Controlled: Ni.
GG2040-18	24-120 Smart Phone Model XT2409, Rear camera 2, Contacts 3				0.43%		Main: Si P S Ca Cu; Other: Cl Ti Ni Zn Sn Ba; Trace: Al Br Sr Y Zr Nb Sb La Yb.	Reportable: Cu Zn Sn Ba; Controlled: Ni.
GG2040-19	24-120 Smart Phone Model XT2409, Rear camera 2, Contacts 4				0.12%		Main: Si P S Cu; Other: Cl Ca Ti Ni Zn Br Ba; Trace: Al Y Zr Nb Sb.	Reportable: Cu Ba; Controlled: Ni.
GG2040-20	24-120 Smart Phone Model XT2409, Rear camera 2, Contacts 5				0.06%		Main: Si P S Ni Cu Zn Sn Au; Other: Cl Mn Fe Ge Ag; Trace: Al Ca Br Y Zr Nb Ba La.	Reportable: Fe Cu Zn Ag Sn Au; Controlled: Ni.
GG2040-21	24-120 Smart Phone Model XT2409, Rear camera 2, Plastic lenses				3.60%	Polyester	Other: Al Si P S Ca Ti; Trace: Cl K Mn Fe Ni Cu.	Reportable: Al Si;
GG2040-22	24-120 Smart Phone Model XT2409, Rear camera 2, White glue				0.68%	Acrylic	Other: Al Si P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Co Zn Sn Bi.	Reportable: Al Fe Co Si P;
GG2041-00	24-120 Smart Phone Model XT2409, Rear camera 3		0.655	0.38%				
GG2041-01	24-120 Smart Phone Model XT2409, Rear camera 3, PWB				21.53%		Main: Al Si S Ni Cu W; Other: P Cl K Ca Ti Fe Se Br Sr Zr Pd Ag Sn Ba Yb Hf Ta	Reportable: Al Fe Co Cu Se Pd Ag Sn Ba Ta W Au Si

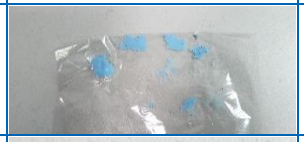
Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
							Au; Trace: Co Ga Ge I La Ce Bi. See x,y- scan (chapter 4)	P; Controlled: Ni
GG2041-02	24-120 Smart Phone Model XT2409, Rear camera 3, Metal frame				15.42%		Main: Si S Cr Fe Ni Mo; Other: P Cl K Ca Ti V Mn Co Cu Zn; Trace: Al Ge Rh Sb Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2041-03	24-120 Smart Phone Model XT2409, Rear camera 3, Copper glue strip				3.82%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: Cr Mn Ga Zr Nb Ru Ag Sn Sb Ba.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GG2041-04	24-120 Smart Phone Model XT2409, Rear camera 3, Magnets				1.68%		Main: Si P S K Ca Fe Sr Ba; Other: Cl Ti V Mn Ni Cu Zn Rb Nb Sn I Pr Nd W; Trace: Al Ge As Br Y Mo Ru Te La Bi.	Reportable: Fe Cu Zn Rb Sn Ba Pr Nd W; Controlled: Ni
GG2041-05	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic frame 1				5.95%	Polyester GF	Other: Al Fe Ni Cu; Trace: Si P S Cl K Ca Co Zr Ta.	Reportable: Al Fe Co Cu; Controlled: Ni.
GG2041-06	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic housing				7.02%	PC	Other: Al Si P S Cl K Ca; Trace: Ti Fe Ni.	Reportable: Al Si;
GG2041-07	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic part 1				1.22%	Polyester GF	Main: Si P S Ca; Other: Al K Fe Ni Sr Ba; Trace: Cl V Cr Mn Cu Zn Ga Rb Sn Sb W.	Reportable: Al Fe Ba Si P;
GG2041-08	24-120 Smart Phone Model XT2409, Rear camera 3, Copper wire				1.07%		Main: Si P S Cu; Other: Al Cl K Ca Ti Ni Zn; Trace: Co Ge Br Y Zr Nb Rh Sb Yb.	Reportable: Co Cu Zn;
GG2041-09	24-120 Smart Phone Model XT2409, Rear camera 3, Blue glass				1.53%		Other: Al Si P S Cl K Ca Ti Fe Co Cu Zn Ba; Trace: V Mn Sr Sn Sb Yb.	Reportable: Al Fe Co Cu Zn Ba P;
GG2041-10	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic				27.48%	Polyester GF	Main: S; Other: Al Si P Cl K Ca Ti Fe Ni Cu Zn Ba;	Reportable: Al Fe Ba Si P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	frame 2						Trace: V Mn Sr Zr Nb Sn.	
GG2041-11	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic frame 3				2.44%	Polyester GF	Main: Al Si P S Ca; Other: Cl K Fe Sr Ba; Trace: V Cr Mn Ni Cu Zn Rb Sn.	Reportable: Al Fe Ba Si P;
GG2041-12	24-120 Smart Phone Model XT2409, Rear camera 3, Foil rings				0.15%	PET	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Co Cu Zn Sb.	Reportable: Al Fe Co Si P;
GG2041-13	24-120 Smart Phone Model XT2409, Rear camera 3, Contacts 1				0.15%		Main: Si P S Cl Ni Cu Zn; Other: Al K Ca Ti Mn Fe; Trace: Ge Br Y Zr Nb Sb.	Reportable: Fe Cu Zn; Controlled: Ni.
GG2041-14	24-120 Smart Phone Model XT2409, Rear camera 3, Contact 2				0.15%		Main: Si P S Cl Ni Cu Sn; Other: Ca Ti Br Nb Ba; Trace: Al Zn Rb Y Zr Sb La Pr Th.	Reportable: Cu Sn Ba; Controlled: Ni.
GG2041-15	24-120 Smart Phone Model XT2409, Rear camera 3, Copper ring				0.15%		Main: Si P S Ni Cu Sn; Other: Cl K Ca Ti Mn Nb; Trace: Al Sr Y Zr Ba.	Reportable: Cu Sn; Controlled: Ni.
GG2041-16	24-120 Smart Phone Model XT2409, Rear camera 3, Contact 3				0.15%		Main: Si P S Ca Ni Cu Sn; Other: Cl Ti Mn Ag Ba; Trace: Al Ge Sr Y Zr Nb Sb La.	Reportable: Cu Ag Sn Ba; Controlled: Ni.
GG2041-17	24-120 Smart Phone Model XT2409, Rear camera 3, Plastic lenses				10.08%	Polyester	Other: Al Si P Ca Ti; Trace: S Cl K Fe Ni Cu Zn.	Reportable: Al Si;
GG2042-00	24-120 Smart Phone Model XT2409, Rear camera cover		3.279	1.92%				
GG2042-01	24-120 Smart Phone Model XT2409, Rear camera cover, Black plastic plate				99.05%	PC	Main: Si P Ca Ti Fe; Other: S Cl K V Cr Mn Co Ni Cu Zn Rb Sr Y Zr Nb; Trace: Al Ge As Br Mo Ba La Ce Yb Tl Bi Th.	Reportable: Cr Fe Co Zn Rb Y; Controlled: Ni.
GG2042-02	24-120 Smart Phone Model XT2409, Rear camera cover, Shock pad 1				0.21%	PET 40% PUR 40% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Co Cu Zn Sr Sn Sb.	Reportable: Al Fe Co P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2042-03	24-120 Smart Phone Model XT2409, Rear camera cover, Shock pad 2				0.34%	PET 40% PUR 40% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Sr Sb.	Reportable: Al Fe P;
GG2042-04	24-120 Smart Phone Model XT2409, Rear camera cover, Shock pad 3				0.40%	PET 40% PUR 40% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Co Cu Zn Sr Sb.	Reportable: Al Fe Co Si P;
GG2043-00	24-120 Smart Phone Model XT2409, Sensor flex		0.140	0.08%				
GG2043-01	24-120 Smart Phone Model XT2409, Sensor flex				73.57%		Main: Cr Mn Fe Ni Cu; Other: Al Si P S Cl Ca V Co Zr Ag Sn Ba; Trace: K Ti Ga Mo Pd I. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Co Cu Ag Ba P; Controlled: Ni.
GG2043-02	24-120 Smart Phone Model XT2409, Sensor flex, Black plastic housing				20.71%	PC	Other: Al Si P S Cl Ca Fe; Trace: K Ni Cu.	Reportable: Al Fe P;
GG2043-03	24-120 Smart Phone Model XT2409, Sensor flex, Foil ring				0.71%	PET	Other: Al Si P S Cl Ca Fe Ni; Trace: K Mn Cu Sb.	Reportable: Al Fe P;
GG2043-04	24-120 Smart Phone Model XT2409, Sensor flex, Plastic lenses				4.29%	PMMA	Other: Al Si P S Cl Ca Ti; Trace: K Mn Fe Ni Cu Nb.	Reportable: Al Si;
GG2043-05	24-120 Smart Phone Model XT2409, Sensor flex, Glass lens				0.71%		Main: Si Zn; Other: Al P S Cl K Ca Ti Fe W; Trace: Ni Cu Rb Zr Nb.	Reportable: Al Fe Zn W Si P;
GG2044-00	24-120 Smart Phone Model XT2409, Shock pads 1-14		1.250	0.73%				
GG2044-01	24-120 Smart Phone Model XT2409, Shock pad 1				72.64%	PUR 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Mn Cu Sr Sb.	Reportable: Al Fe;
GG2044-02	24-120 Smart Phone Model XT2409, Shock pad 2				11.20%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Ni; Trace: K Fe Cu Ga Sb.	Reportable: Al Si P; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds 1)
GG2044-03	24-120 Smart Phone Model XT2409, Shock pad 3				2.72%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Cr Mn Ni Cu Zn Sb.	Reportable: Al Fe;
GG2044-04	24-120 Smart Phone Model XT2409, Shock pad 4				3.20%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Cr Mn Ni Cu Zn Sb.	Reportable: Al Fe;
GG2044-05	24-120 Smart Phone Model XT2409, Shock pad 5				0.88%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Co Cu Zn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GG2044-06	24-120 Smart Phone Model XT2409, Shock pad 6				0.80%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Cr Fe Ni Cu; Trace: Ti Mn Co Zn Ga Sb.	Reportable: Al Cr Fe Co Cu P; Controlled: Ni.
GG2044-07	24-120 Smart Phone Model XT2409, Shock pad 7				0.56%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cr Mn Cu Zn Sb.	Reportable: Al Fe P;
GG2044-08	24-120 Smart Phone Model XT2409, Shock pad 8				2.24%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Ni Cu Zn Sb.	Reportable: Al Fe P;
GG2044-09	24-120 Smart Phone Model XT2409, Shock pad 9				0.08%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Co Zn Ga Sb.	Reportable: Al Fe Co Cu P; Controlled: Ni.
GG2044-10	24-120 Smart Phone Model XT2409, Shock pad 10				0.80%	PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni Cu; Trace: Mn Co Zn Sr Sb.	Reportable: Al Fe Co;
GG2044-11	24-120 Smart Phone Model XT2409, Shock pad 11				0.56%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Ca Fe Ni; Trace: Cl K Cr Cu Sn Sb Hf.	Reportable: Al Fe P; Controlled: Ni.
GG2044-12	24-120 Smart Phone Model XT2409, Shock pad 12				0.32%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Mn Cu Zn Ga Sn Sb Hf.	Reportable: Al Fe P; Controlled: Ni.
GG2044-13	24-120 Smart Phone Model XT2409, Shock pad 13				0.40%	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;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2044-14	24-120 Smart Phone Model XT2409, Shock pad 14				3.60%	PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Ni; Trace: K Ti Fe Co Cu Ga Sb.	Reportable: Al Co Si; Controlled: Ni.
GG2045-00	24-120 Smart Phone Model XT2409, Silver screws 1-3		0.729	0.43%				
GG2045-01	24-120 Smart Phone Model XT2409, Silver screws 1+2				96.16%		Main: S Fe Ni Cu; Other: Si P Cl K Ca Ti Cr Mn Zn Ba; Trace: Al Co.	Reportable: Cr Fe Co Cu Ba; Controlled: Ni.
GG2045-02	24-120 Smart Phone Model XT2409, Silver screw 3				3.84%		Main: P S Fe Zn; Other: Si Cl K Ca Cu; Trace: Al Ti Co Ge As Y Zr Nb Sb Ba Tl Th.	Reportable: Fe Co Cu Zn;
GG2046-00	24-120 Smart Phone Model XT2409, SIM card PWB		0.950	0.55%				
GG2046-01	24-120 Smart Phone Model XT2409, SIM card PWB				62.63%		Main: Si S Ca Ni Cu Sn; Other: Al P Cl K Cr Mn Fe Zn Sr Zr Mo Ag I Ba Hf Au Pb; Trace: V Ga Ge Y Pd La W Bi Th. See x,y- scan (chapter 4)	Reportable: Al Cr Fe Cu Ag Sn Ba Au Si P; **Controlled**: Ni **Pb**
GG2046-02	24-120 Smart Phone Model XT2409, SIM card PWB, Metal shielding				23.16%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Cu Zn Mo Au; Trace: Al Co Ge As Rh Sn.	Reportable: Cr Fe Co Cu Au; Controlled: Ni.
GG2046-03	24-120 Smart Phone Model XT2409, SIM card PWB, Contacts				1.79%		Main: S Fe Ni Cu Sn; Other: Al Si P Cl Ti Cr Mn Ag Au; Trace: Ca Ge Zr Mo Ba Pr.	Reportable: Cr Fe Cu Ag Sn Au; Controlled: Ni.
GG2046-04	24-120 Smart Phone Model XT2409, SIM card PWB, Metal plate 1				6.63%		Main: S Fe Ni; Other: Si P Cl K Ca Ti Cr Mn Cu Nb Mo; Trace: Al V Zn Ge As Y Zr Sn Sb Ba W Th.	Reportable: Cr Fe Cu; Controlled: Ni.
GG2046-05	24-120 Smart Phone Model XT2409, SIM card PWB, Metal plate 2				2.32%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Mo; Trace: Al Zn As Nb Ba La Th.	Reportable: Cr Fe Co Cu; Controlled: Ni.

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
GG2046-06	24-120 Smart Phone Model XT2409, SIM card PWB, Golden shielding				1.05%		Main: P S Ni Cu Zn Au; Other: Al Si Cl K Ca Ge Sn Sb; Trace: Ti Zr Nb Pd.	Reportable: Cu Zn Sn Sb Au; Controlled: Ni.
GG2046-07	24-120 Smart Phone Model XT2409, SIM card PWB, Black plastic part				2.42%	Polyester GF	Main: Al Si K Ca; Other: P S Cl Ti Fe Ni Cu Rb Sr Sn; Trace: V Cr Mn Co Zn Zr Nb Ba Ta W.	Reportable: Al Fe Co Cu Rb Sn Si P; Controlled: Ni.
GG2047-00	24-120 Smart Phone Model XT2409, SIM card holder		0.270	0.16%				
GG2047-01	24-120 Smart Phone Model XT2409, SIM card holder, Black plastic part				63.33%	PC	Main: Si Ca; Other: Al P S Cl K Fe; Trace: Ti Zn Sr Zr In Ba La Ce.	Reportable: Al Fe Si P;
GG2047-02	24-120 Smart Phone Model XT2409, SIM card holder, Metal plate				36.30%		Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Mo; Trace: Al Zn Ge Tl.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2047-03	24-120 Smart Phone Model XT2409, SIM card holder, Label				0.37%	PET 80% Acrylic 20%	Main: P Ti; Other: Al Si S Cl K Ca V Fe Ni; Trace: Mn Co Cu Zn Zr Nb Sn Sb.	Reportable: Al Fe Co P; Controlled: Ni.
GG2048-00	24-120 Smart Phone Model XT2409, Thermal paste		0.325	0.19%			Main: Al; Other: Si P S Ca Fe Y; Trace: K Ti V Cu Ga Sb.	Reportable: Al Fe Y Si P;
GG2049-00	24-120 Smart Phone Model XT2409, Top speaker		0.966	0.56%				
GG2049-01	24-120 Smart Phone Model XT2409, Top speaker, Metal plate 1				14.39%		Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu; Trace: Al Zn Ge As Mo Ba La Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2049-02	24-120 Smart Phone Model XT2409, Top speaker, Black plastic net				0.21%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni;	Reportable: Al Fe P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	1						Trace: Mn Cu Zn Sb.	
GG2049-03	24-120 Smart Phone Model XT2409, Top speaker, Copper wire				3.52%		Main: Si S Cu; Other: Al P Cl Zn Ag; Trace: Ca Ti Fe Ni Y Zr Nb Yb.	Reportable: Al Cu Zn Ag;
GG2049-04	24-120 Smart Phone Model XT2409, Top speaker, Magnet 1				18.74%		Main: Fe Ni Cu Zn Pr; Other: Al Si S Cl V Co Ga Ge Y Zr Nb Mo Sn Nd W Th; Trace: Ca Ru Rh In Tl Bi.	Reportable: Al Fe Co Cu Zn Y Sn Pr Nd W; Controlled: Ni
GG2049-05	24-120 Smart Phone Model XT2409, Top speaker, Coppe glue strip				0.93%	Metal 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe Ta; Trace: Cr Ga Ru Ag Sn Sb Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2049-06	24-120 Smart Phone Model XT2409, Top speaker, Black glue strip				0.21%	PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Sb.	Reportable: Al Fe Co Si P;
GG2049-07	24-120 Smart Phone Model XT2409, Top speaker, Membrane				0.41%	ASA	Main: Al; Other: Si P S Ca V Mn Fe Ni Cu Ga; Trace: Cl K Ti Zn Zr Sn.	Reportable: Al Fe Cu P;
GG2049-08	24-120 Smart Phone Model XT2409, Top speaker, Metal plate 2				20.50%		Main: P Fe Ni; Other: Al Si S Cl K Ca Mn Zn Bi; Trace: Cr Y Sb Ba Nd Tl Th.	Reportable: Fe Zn Bi; Controlled: Ni.
GG2049-09	24-120 Smart Phone Model XT2409, Top speaker, Black plastic nets 2				0.10%	PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sn Sb.	Reportable: Al Fe P; Controlled: Ni.
GG2049-10	24-120 Smart Phone Model XT2409, Top speaker, Blue glue				0.10%	PMMA	Other: Al Si P S Cl Ca Fe Ni Cu Sn; Trace: K Mn Zn Hf.	Reportable: Al Fe P;
GG2049-11	24-120 Smart Phone Model XT2409, Top speaker, Metal plate 3				6.73%		Main: P S Fe Ni Zn; Other: Si Cl K Ca Mn Pr Nd; Trace: Al V Cr Co.	Reportable: Fe Co Zn Pr Nd; Controlled: Ni.
GG2049-12	24-120 Smart Phone Model XT2409, Top				19.05%		Main: Fe Zn Pr; Other: Al Si S Cl Mn Co Cu	Reportable: Al Fe Co Cu Zn Y Pr Nd

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1)]
	speaker, Magnets 2						Ga Ge Y Zr Nb Mo Nd W; Trace: Ca Cr Ru Rh In Sn Sb Tl Bi Th.	W;
GG2049-13	24-120 Smart Phone Model XT2409, Top speaker, Black plastic part				3.31%	PA	Main: Al Si Ca; Other: P S Cl K Ti Fe Ni; Trace: V Cr Mn Cu Zn Ga Sr Zr Nb Sn Ba.	Reportable: Al Fe Si P;
GG2049-14	24-120 Smart Phone Model XT2409, Top speaker, Metal frame				9.42%		Main: S Fe Ni; Other: Al Si P Cl K Ca Mn Cu Zn; Trace: Ti Cr Co Ba Nd Th.	Reportable: Fe Co Cu; Controlled: Ni.
GG2049-15	24-120 Smart Phone Model XT2409, Top speaker, Flex 1				0.10%		Main: P Cu; Other: Al Si S Cl K Ca Fe Co Ni Zr; Trace: Ti Cr Mn Zn Ag.	Reportable: Al Fe Co Cu P; Controlled: Ni.
GG2049-16	24-120 Smart Phone Model XT2409, Top speaker, Flex 2				0.31%		Main: P Cu Sn; Other: Al Si S Cl K Ca Fe Co Ni Zn Zr; Trace: Ti V Cr Mn Ga Au.	Reportable: Al Fe Co Cu Zn Sn P; Controlled: Ni.
GG2049-17	24-120 Smart Phone Model XT2409, Top speaker, Flex 3				1.35%		Main: Al P Ni Cu; Other: Si S Cl K Ca Fe Zr Ta Au; Trace: Cr Mn Ga Ge Sn Ba Tl.	Reportable: Al Fe Cu Ta Au Si P; Controlled: Ni.
GG2049-18	24-120 Smart Phone Model XT2409, Top speaker, Pink foil				0.62%	PEEK	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Co Cu Zn Bi.	Reportable: Al Fe Co Si P;
GG2050-00	24-120 Smart Phone Model XT2409, Vibra cell		1.160	0.68%				
GG2050-01	24-120 Smart Phone Model XT2409, Vibra cell, Metal housing				10.86%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Zn Mo; Trace: Al Ge As Nb Sn Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GG2050-02	24-120 Smart Phone Model XT2409, Vibra cell, Metal plate				6.47%		Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Zn Mo; Trace: Al Ge As W.	Reportable: Cr Fe Co Cu Zn; Controlled: Ni.
GG2050-03	24-120 Smart Phone Model XT2409, Vibra cell,				71.98%		Main: Co Ni W; Other: P Cl K Ca Cr Mn Fe	Reportable: Cr Fe Co La W;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
	Metal ring						Cu La; Trace: Al Ti Ga Ge As Ru Rh Pd In Sb Pr Th.	Controlled: Ni.
GG2050-04	24-120 Smart Phone Model XT2409, Vibra cell, Metallic glue strip				0.17%		Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Mn Fe; Trace: V Cr Ga Zr Pd Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GG2050-05	24-120 Smart Phone Model XT2409, Vibra cell, Black glue strip				0.26%	PET 50% PUR 50%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Mn Cu Zn Sr Sb.	Reportable: Al Fe P;
GG2050-06	24-120 Smart Phone Model XT2409, Vibra cell, Metal part				3.45%		Main: Si S Cr Fe Cu; Other: P Cl K Ca Ti V Mn Ni Ge W; Trace: Al Zn As Mo Sb Ba Th.	Reportable: Cr Fe Cu W; Controlled: Ni.
GG2050-07	24-120 Smart Phone Model XT2409, Vibra cell, Flex				0.34%		Main: Cu; Other: Al Si P S Cl K Ca Fe Ni Zr Sn; Trace: Ti Cr Mn Zn Ga Sb Ta.	Reportable: Al Fe Cu Sn Si P; Controlled: Ni.
GG2050-08	24-120 Smart Phone Model XT2409, Vibra cell, Copper wire				1.55%		Main: Si P S Cl Cu; Other: K Ca Ti Cr Fe Ni Zn Zr W; Trace: Al Mn Ge Y Nb Sb Ba Nd Yb.	Reportable: Cr Fe Cu Zn W;
GG2050-09	24-120 Smart Phone Model XT2409, Vibra cell, Contacts				1.12%		Main: S Cr Fe Ni; Other: Si P Cl K Ca Mn Cu Zn Mo W; Trace: Al Ti V Co Ge As Sr Y Nb Rh Sb Ba Th.	Reportable: Cr Fe Co Cu W; Controlled: Ni.
GG2050-10	24-120 Smart Phone Model XT2409, Vibra cell, Magnet				1.81%		Main: Si Cl Fe Ni Cu Pr; Other: Al S K V Zn Y Zr Nb Mo Te Ba Bi Th; Trace: Ca Ti Ge Se Br Rh In Sb I Ce Tl.	Reportable: Fe Cu Zn Y Te Ba Pr Bi; Controlled: Ni
GG2051-00	24-120 Smart Phone Model XT2409, White cable		0.204	0.12%				
GG2051-01 [3]	24-120 Smart Phone Model XT2409, White cable, White outer cable jack 1				17.16%	PTFE	Main: Cu; Other: Al Si P S K Ca Ti Fe Sn; Trace: Cl V Mn Ni Zn.	Reportable: Al Fe Cu Sn P;

Sample No	Description	Photo	Weight [g]	Relative weight Sample	Relative Weight Sub Item	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds [1]
GG2051-02 [3]	24-120 Smart Phone Model XT2409, White cable, White cable jacket				22.06%	PTFE	Other: Al Si P S Cl Ca Ti Fe Ni; Trace: K V Cu Hf.	Reportable: Al Fe P;
GG2051-03	24-120 Smart Phone Model XT2409, White cable, Golden contact holders				10.78%		Main: P S Ni Cu Sn; Other: Al Si Cl Ca Ti Ag Au; Trace: Ge Sr Y Zr Nb Sb I Ba La.	Reportable: Cu Ag Sn Au; Controlled: Ni.
GG2051-04	24-120 Smart Phone Model XT2409, White cable, Wire 1				32.35%		Main: S Cu Sn; Other: Al Si P Cl K Zn; Trace: Ca Ti Fe Ga Ge Y Zr Nb Pr Yb W Bi.	Reportable: Al Cu Zn Sn;
GG2051-05	24-120 Smart Phone Model XT2409, White cable, Wire 2				6.37%		Main: S Cu Ag; Other: Al Si P Cl Zn; Trace: Ca Ti Fe Ni Ge Y Zr Nb Rh Sb Yb.	Reportable: Al Cu Zn Ag;
GG2051-06	24-120 Smart Phone Model XT2409, White cable, Golden plates				2.94%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti V Cr Fe Ge Pr Nd; Trace: Al Mn Y Zr Nb Sb La.	Reportable: Cr Fe Cu Sn Pr Nd Au; Controlled: Ni.
GG2051-07	24-120 Smart Phone Model XT2409, White cable, Black seal				1.96%	PP	Main: Ca Ni Cu; Other: Al Si P S Cl K Fe Sn Ta Au; Trace: Ti Mn Sr Zr I.	Reportable: Al Fe Cu Sn Au P; Controlled: Ni.
GG2051-08	24-120 Smart Phone Model XT2409, White cable, Contact				0.49%		Main: Si P S Ni Cu Sn Au; Other: Cl K Ca Ti Ge Ba; Trace: Al Y Zr Nb Sb La.	Reportable: Cu Sn Ba Au; Controlled: Ni.
GG2052-00	24-120 Smart Phone Model XT2409, Yellow glue strips 1-2		0.033	0.02%				
GG2052-01	24-120 Smart Phone Model XT2409, Yellow glue strip 1				0.05%	PAI 80% Silicone 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Mn Ni Cu Zn.	Reportable: Al Fe Si P;
GG2052-02	24-120 Smart Phone Model XT2409, Yellow glue strip 2				0.06%	PAI 80% Silicone 20%	Main: Si; Other: P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Zr.	Reportable: Fe Si P;

[1] Relevant compounds based on XRF Screening test results (selected chemical elements). For the speciation of the substances, further testing could be required. Cd, Cr and are also REACH relevant substances
[2] The concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials where the homogenous material weighs less than 0.02 g.
[3] Not enough sample material for PFAS testing.
* Brominated Flame Retardants (other than PBBs or PBDEs)

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

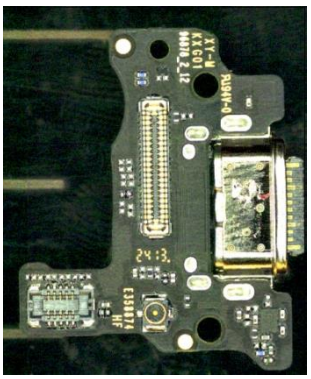
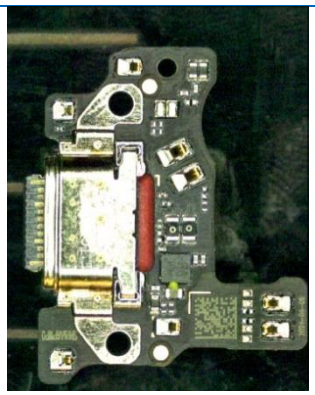
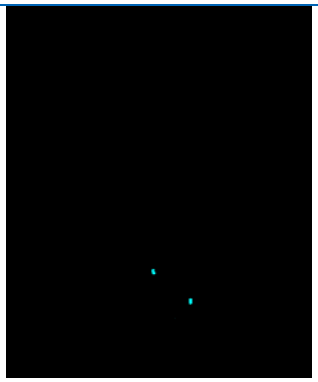
Only confirmed positive findings of materials of concern are reported – other (RoHS) substances are below detection limits for each sample.
Detection limits for single samples are available on request.

4 Results EDXRF Scan

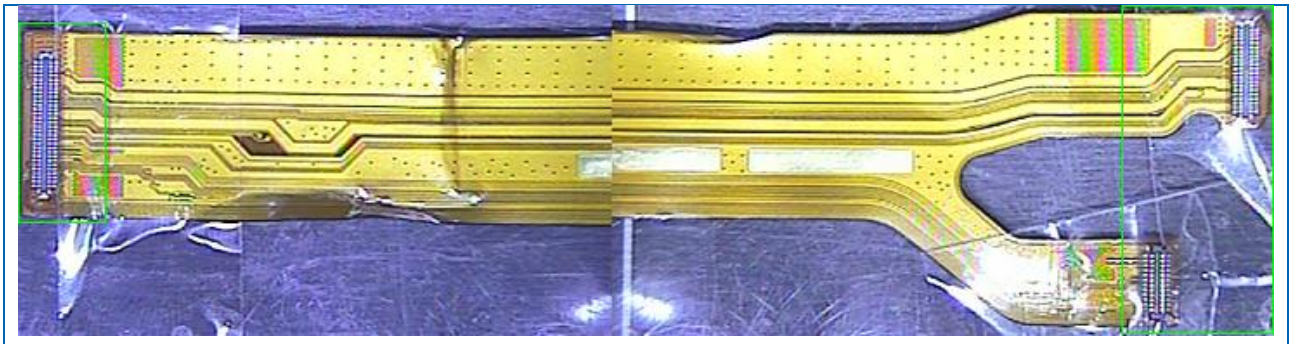
Results x,y Scan Sample GG2002-04 Top

Results x,y Scan Sample GG2002-04 Bottom

	
Bromine	Bromine
Not detected	Not detected
Lead	Lead
[redacted]	Not detected

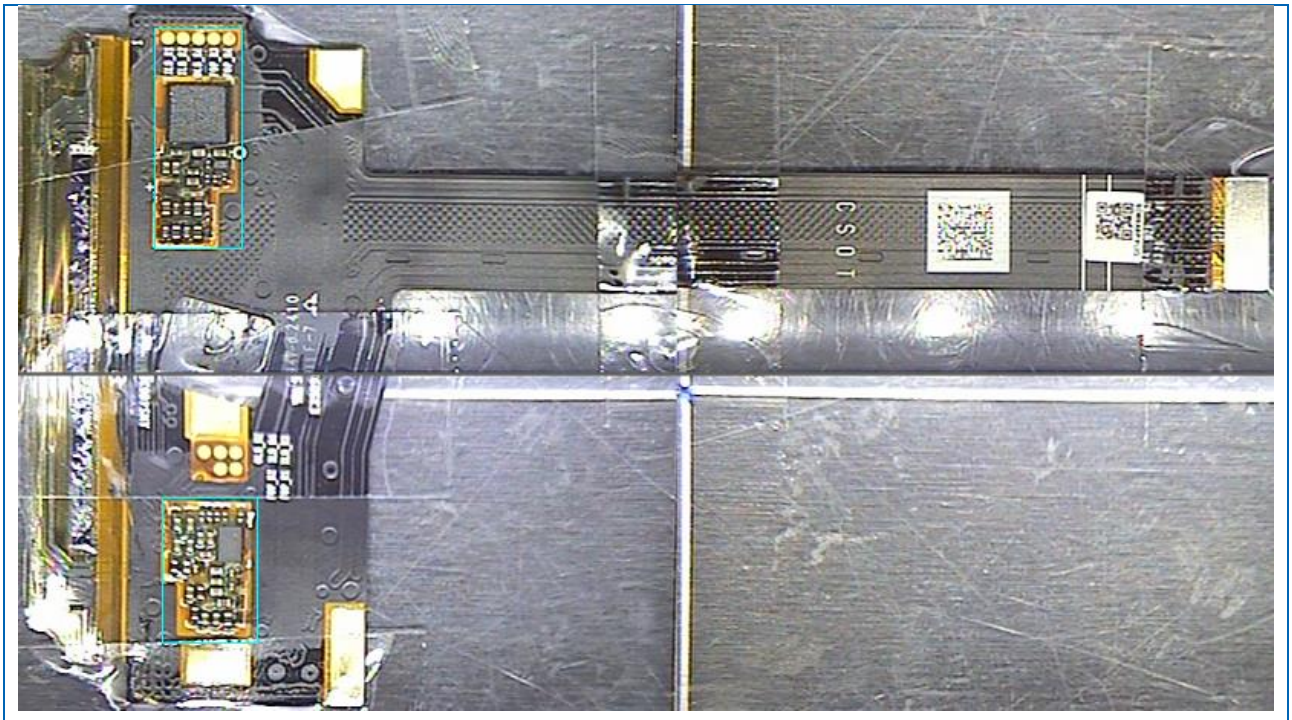
Results x,y Scan Sample GG2012-01 Top	Results x,y Scan Sample GG2012-01 Bottom
	
Bromine	Bromine
Not detected	Not detected
Lead	Lead
	Not detected

Results x,y Scan Sample GG2015-00 Top



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2018-01 Top



Bromine

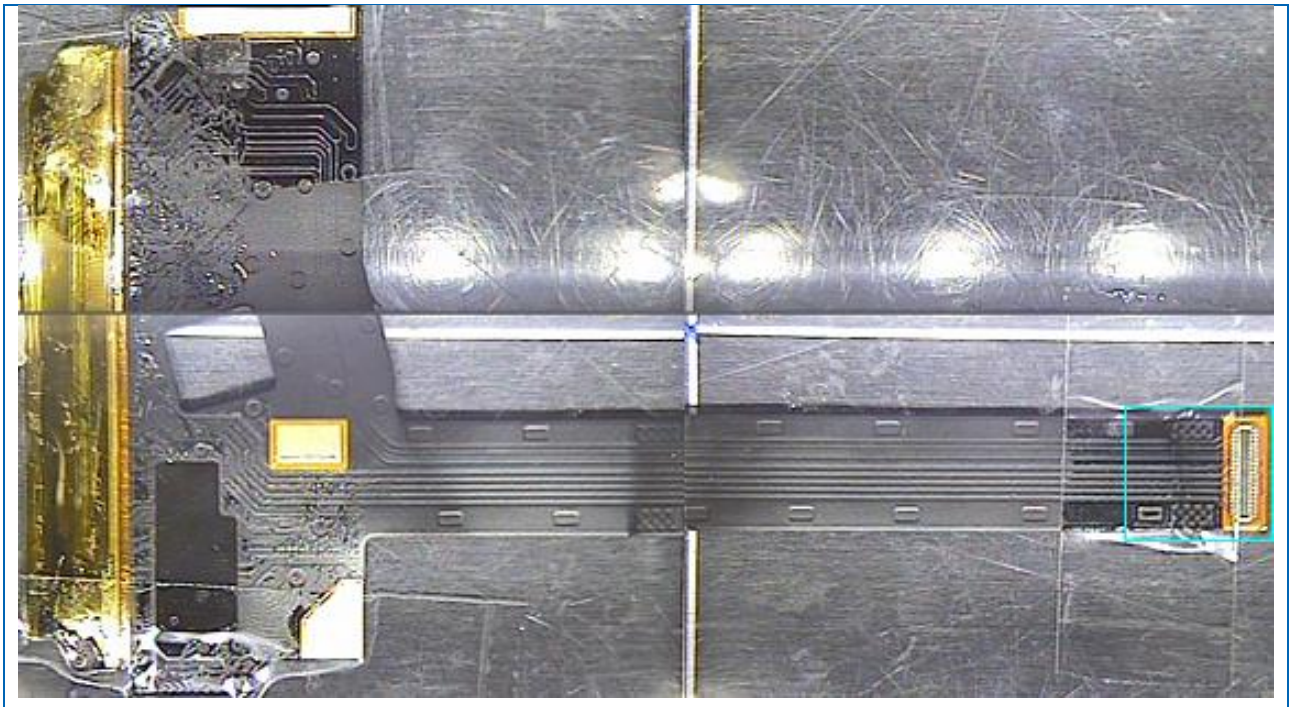
Not detected

Lead

[redacted]

[redacted]

Results x,y Scan Sample GG2018-01 Bottom



Bromine
Not detected
Lead
Not detected

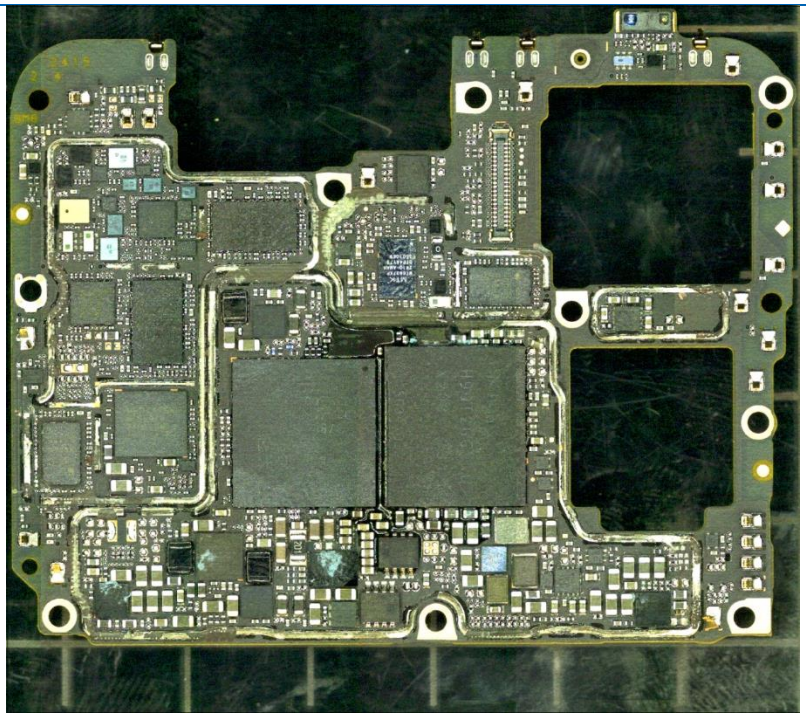
Results x,y Scan Sample GG2022-02 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2027-00 Top

Bromine
Not detected
Lead
Not detected

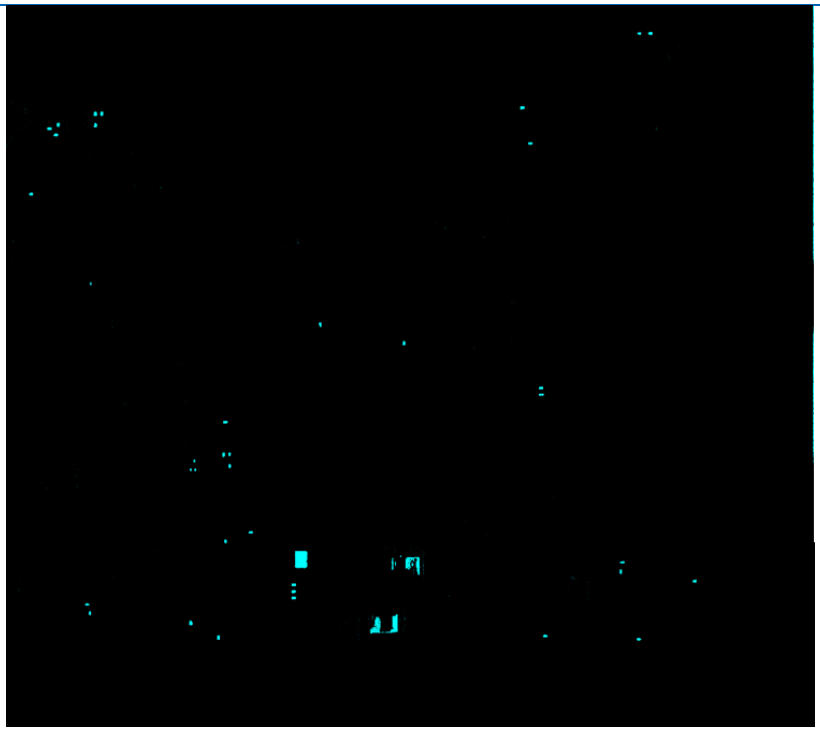
Results x,y Scan Sample GG2029-01 Top



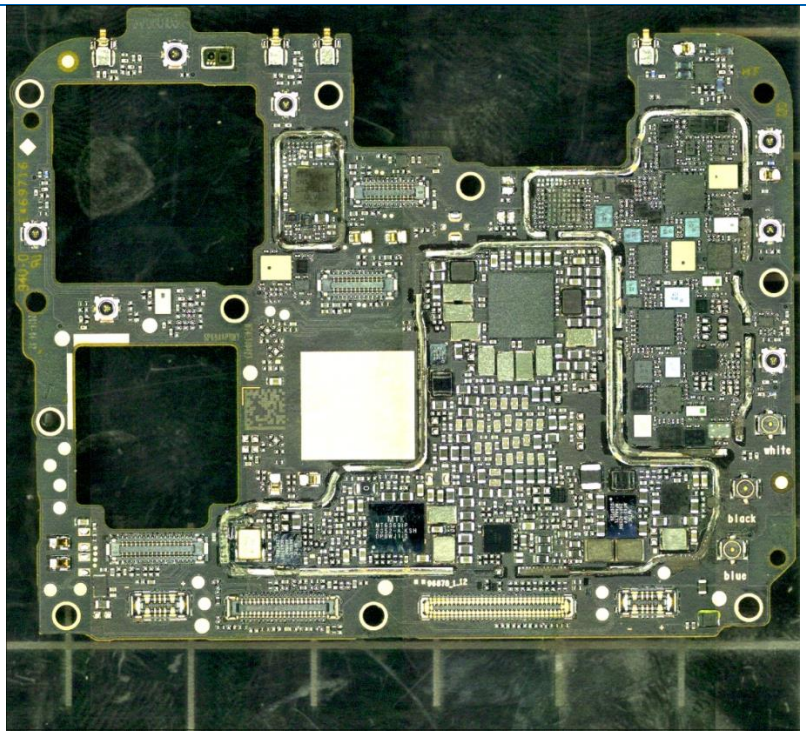
Bromine

Not detected

Lead



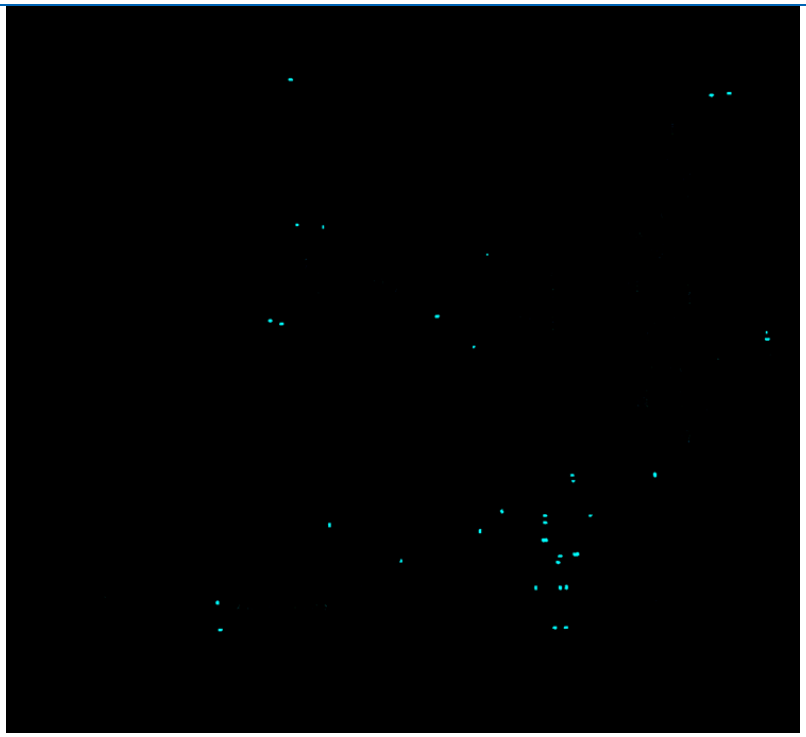
Results x,y Scan Sample GG2029-01 Bottom



Bromine

Not detected

Lead



Results x,y Scan Sample GG2036-00 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2037-03 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2038-00 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2038-00 Bottom

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2039-01 Top

Bromine
Not detected
Lead
Not detected

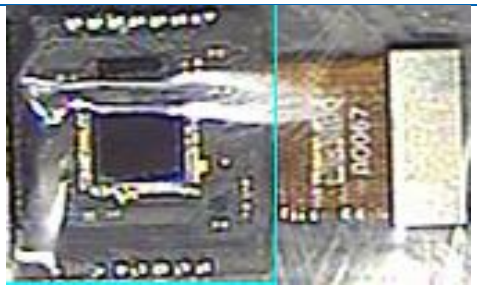
Results x,y Scan Sample GG2039-01 Bottom

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2039-14 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2040-01 Top



Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2040-01 Bottom

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2041-01 Top

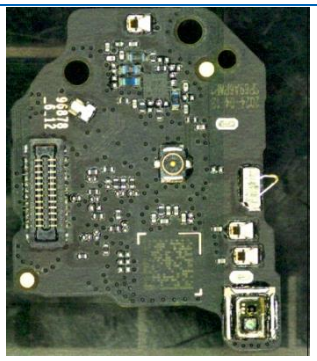
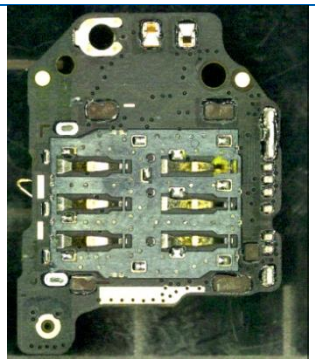
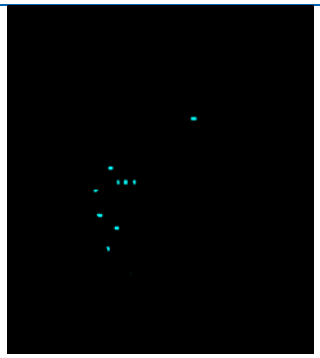
Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2041-01 Bottom

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2043-01 Top

Bromine
Not detected
Lead
Not detected

Results x,y Scan Sample GG2046-01 Top	Results x,y Scan Sample GG2046-01 Bottom
	
Bromine	Bromine
Not detected	Not detected
Lead	Lead
	Not detected

5 Summary REACH 1907/2006/EC screening results

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

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

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

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

The following substances were detected in the samples.

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]*	Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]*	SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)
Smart Phone Model XT2409	GH1239	-	-	-	-	-	-
	GH1240	-	-	-	-	-	-
	GH1241	-	-	-	-	-	-
	GH1242	-	-	-	-	-	-
	GH1243	-	-	-	-	-	-
	GH1244	-	-	-	-	-	-
	GH1245	-	-	-	-	-	-
	GH1246	-	-	-	-	-	-
	GH1247	Pyrene	-	-	0.001	<0.001	N
	GH1248	-	-	Toluene (Entry 48)	0.003	<0.001	-
		-	-	Benzene, 2,4-diisocyanato-1-methyl-	0.006	<0.001	-
	GH1249	-	-	-	-	-	-

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1)]/ *Substance Concentration in Fraction (% w/w)[1)]*	Substanz Konzentration im Artikel (% w/w)[2)]/ *Substance concentration in article (% w/w)[2)]*	SVHC > 0.1% Berichts-pflichtig[2)]/ *SVHC > 0.1% Reporting required?[2)]* (Y/N/ Risk)
	GH1250	-	-	Benzene, 2,4-diisocyanato-1-methyl-	0.015	<0.001	-
		-	-	Benzene, 1,1'-methylenebis[4-isocyanato-	0.006	<0.001	-
	GH1251	4-tert-butylphenol[4)]	-	-	0.013	0.001	N
	GH1252	-	-	Toluene (Entry 48)	<0.001	<0.001	-
	GH1253	-	-	Toluene (Entry 48)	<0.001	<0.001	-
		-	-	Benzene, 2,4-diisocyanato-1-methyl-	0.066	<0.001	-
	GH1254	4-tert-butylphenol[4)]	-	-	0.013	<0.001	N
	GH1255	4-tert-butylphenol[4)]	-	-	0.002	<0.001	N
	GH1256	4-tert-butylphenol[4)]	-	-	0.006	<0.001	N
		2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol (UV-329)	-	-	0.001	<0.001	N
	GH1257	-	-	-	-	-	-
	GH1258	4-tert-butylphenol[4)]	-	-	0.012	<0.001	N
		-	-	Tetrahydrofuran (Entry 3, 40, 75)	<0.001	<0.001	-

Artikel / *Article*	Probennr. / *Sample Number*	Detektierte REACH SVHC Substanzen / *REACH SVHC Substance Detdected*	Detektierte REACH Anhang XIV Substanzen/ *REACH Annex XIV Substance Detected*	Detektierte REACH Anhang XVII Substanzen/ *REACH Annex XVII Substance Detected**	Substanz Konzentration in der Fraktion (% w/w)[1]/ *Substance Concentration in Fraction (% w/w)[1]*	Substanz Konzentration im Artikel (% w/w)[2]/ *Substance concentration in article (% w/w)[2]*	SVHC > 0.1% Berichts-pflichtig[2]/ *SVHC > 0.1% Reporting required?[2]* (Y/N/ Risk)
	GH1259	4-tert-butylphenol[4]	-	-	0.011	<0.001	**N**
		2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-phenol (UV-329)	-	-	0.002	<0.001	**N**
	GH1260	-	-	Toluene (Entry 48)	<0.001	<0.001	**-**
		-	-	Benzene, 2,4-diisocyanato-1-methyl-	0.002	<0.001	**-**
		-	-	Benzene, 1,1'-methylenebis[4-isocyanato-	0.006	<0.001	**-**
	GH1261	-	-	Benzene, 2,4-diisocyanato-1-methyl-	0.024	<0.001	**-**
		-	-	Benzene, 1,1'-methylenebis[4-isocyanato-	0.079	<0.001	**-**
	GH1262	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.013	<0.001	**N**
	GH1263	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.004	<0.001	**N**
	GH1264	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.003	<0.001	**N**

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

5.2 List of SVHC and Annex XIV substances

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

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

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

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

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

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

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

5.3 List of REACH Annex XVII substances

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

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

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

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

6 Test Results PAH

PAK / PAH	GH1339	GH1340
Benz[a]anthracene (mg/kg)	ND	ND
Chrysene (mg/kg)	ND	ND
Benzo[b]fluoranthene (mg/kg)	ND	ND
Benzo[k]fluoranthene (mg/kg)	ND	ND
Benzo[j]fluoranthene (mg/kg)	ND	ND
Benzo[e]pyrene (mg/kg)	ND	ND
Benzo[a]pyrene (mg/kg)	ND	ND
Dibenz[a,h]anthracene (mg/kg)	ND	ND
1907/2006/EG Anhang XVII Nr. 50 (REACH) ***1907/2006/EC REACH Annex XVII Entry 50***	**Pass**	**Pass**

ND: Nicht nachgewiesen / *Not detected*

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

7 Composition of fraction samples

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	9.80	GH1239	GG2001-00	24-120 Smart Phone Model XT2409, Backside cover	5.73%	9.801

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.05	GH1240	GG2011-00	24-120 Smart Phone Model XT2409, Brand label	0.03%	0.049

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.22	GH1241	GG2002-01	24-120 Smart Phone Model XT2409, Battery, Black glue strip 1	0.02%	0.042
				GG2002-02	24-120 Smart Phone Model XT2409, Battery, Black glue strip 2	0.03%	0.045
				GG2002-03	24-120 Smart Phone Model XT2409, Battery, Yellow glue strips	0.08%	0.131

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	6.66	GH1242	GG2002-06	24-120 Smart Phone Model XT2409, Battery, Metallic outer foil	1.09%	1.869
				GG2019-01	24-120 Smart Phone Model XT2409, Display foils, Display front foil	0.90%	1.540
				GG2019-02	24-120 Smart Phone Model XT2409, Display foils, Display back foil	1.09%	1.860
				GG2033-00	24-120 Smart Phone Model XT2409, Metallic foil	0.81%	1.390

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.14	GH1243	GG2002-09	24-120 Smart Phone Model XT2409, Battery, Blue glue strip	0.02%	0.039
				GG2004-08	24-120 Smart Phone Model XT2409, Black glue pad 10	0.04%	0.076
				GG2009-01	24-120 Smart Phone Model XT2409, Blue cable, Blue outer cable jacket	0.02%	0.028

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	5.46	GH1244	GG2002-10	24-120 Smart Phone Model XT2409, Battery, Green glue strips	0.26%	0.450
				GG2002-11	24-120 Smart Phone Model XT2409, Battery, White foil	2.09%	3.570
				GG2037-01	24-120 Smart Phone Model XT2409, NFC flex, Metallic glue strip	0.84%	1.441

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	38.37	GH1245	GG2002-14	24-120 Smart Phone Model XT2409, Battery, Carbon coating	22.41%	38.365

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.12	GH1246	GG2009-08	24-120 Smart Phone Model XT2409, Blue cable, White cable jacket	0.02%	0.042
				GG2051-01	24-120 Smart Phone Model XT2409, White cable, White outer cable jack 1	0.02%	0.035
				GG2051-02	24-120 Smart Phone Model XT2409, White cable, White cable jacket	0.03%	0.045

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.64	GH1247	GG2004-01	24-120 Smart Phone Model XT2409, Black glue pad 1	0.23%	0.400
				GG2004-02	24-120 Smart Phone Model XT2409, Black glue pad 2	0.07%	0.125
				GG2004-09	24-120 Smart Phone Model XT2409, Black glue pad 11	0.07%	0.112

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.18	GH1248	GG2005-01	24-120 Smart Phone Model XT2409, Black glue strip 1	0.04%	0.070
				GG2005-05	24-120 Smart Phone Model XT2409, Black glue strip 5	0.04%	0.065
				GG2005-07	24-120 Smart Phone Model XT2409, Black glue strip 7	0.02%	0.040

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	1.16	GH1249	GG2005-02	24-120 Smart Phone Model XT2409, Black glue strip 2	0.34%	0.574
				GG2005-04	24-120 Smart Phone Model XT2409, Black glue strip 4	0.06%	0.103
				GG2005-06	24-120 Smart Phone Model XT2409, Black glue strip 6	0.28%	0.482

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.09	GH1250	GG2005-08	24-120 Smart Phone Model XT2409, Black glue strip 8	0.02%	0.035
				GG2018-02	24-120 Smart Phone Model XT2409, Display flex, Clear glue strip	0.02%	0.026
				GG2020-02	24-120 Smart Phone Model XT2409, Display front glass, Black seal	0.02%	0.033

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	16.26	GH1251	GG2006-01	24-120 Smart Phone Model XT2409, Black plastic cover 1	1.69%	2.893
				GG2007-01	24-120 Smart Phone Model XT2409, Black plastic cover 2	0.47%	0.805
				GG2010-01	24-120 Smart Phone Model XT2409, Bottom speaker, Black plastic housing	0.39%	0.675
				GG2025-16	24-120 Smart Phone Model XT2409, Housing frame, Black plastic frame	5.04%	8.635
				GG2042-01	24-120 Smart Phone Model XT2409, Rear camera cover, Black plastic plate	1.90%	3.248

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.23	GH1252	GG2008-01	24-120 Smart Phone Model XT2409, Black plastic net, Black plastic frame	0.01%	0.025
				GG2010-09	24-120 Smart Phone Model XT2409, Bottom speaker, Black plastic part	0.03%	0.048
				GG2010-23	24-120 Smart Phone Model XT2409, Bottom speaker, Granulat	0.04%	0.069
				GG2024-00	24-120 Smart Phone Model XT2409, Gray plastic plate	0.04%	0.060
				GG2049-13	24-120 Smart Phone Model XT2409, Top speaker, Black plastic part	0.02%	0.032

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.20	GH1253	GG2014-01	24-120 Smart Phone Model XT2409, Clear glue strip 1	0.06%	0.095
				GG2014-02	24-120 Smart Phone Model XT2409, Clear glue strip 2	0.04%	0.060
				GG2025-01	24-120 Smart Phone Model XT2409, Housing frame, Black seal	0.02%	0.040

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.19	GH1254	GG2022-01	24-120 Smart Phone Model XT2409, Front camera, Black plastic housing	0.03%	0.045
				GG2022-04	24-120 Smart Phone Model XT2409, Front camera, Black plastic frame	0.02%	0.033
				GG2041-05	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic frame 1	0.02%	0.039
				GG2041-06	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic housing	0.03%	0.046
				GG2043-02	24-120 Smart Phone Model XT2409, Sensor flex, Black plastic housing	0.02%	0.029

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.42	GH1255	GG2022-08	24-120 Smart Phone Model XT2409, Front camera, Plastic lenses	0.02%	0.036
				GG2039-19	24-120 Smart Phone Model XT2409, Rear camera 1, Plastic lenses	0.08%	0.136
				GG2040-21	24-120 Smart Phone Model XT2409, Rear camera 2, Plastic lenses	0.03%	0.058
				GG2041-17	24-120 Smart Phone Model XT2409, Rear camera 3, Plastic lenses	0.04%	0.066
				GG2028-00	24-120 Smart Phone Model XT2409, Light guide	0.07%	0.123

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.58	GH1256	GG2002-05	24-120 Smart Phone Model XT2409, Battery, Black plastic part	0.12%	0.197
				GG2025-07	24-120 Smart Phone Model XT2409, Housing frame, Black plastic parts 2	0.03%	0.058
				GG2025-08	24-120 Smart Phone Model XT2409, Housing frame, Black plastic part 3	0.05%	0.078
				GG2025-09	24-120 Smart Phone Model XT2409, Housing frame, Plastic buttons	0.04%	0.069
				GG2041-10	24-120 Smart Phone Model XT2409, Rear camera 3, Black plastic frame 2	0.11%	0.180

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.16	GH1257	GG2034-03	24-120 Smart Phone Model XT2409, Metallic glue strip 3	0.06%	0.095
				GG2035-02	24-120 Smart Phone Model XT2409, Metallic shock pads 2	0.02%	0.040
				GG2035-03	24-120 Smart Phone Model XT2409, Metallic shock pads 3	0.02%	0.029

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.76	GH1258	GG2039-04	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic frame frame 1	0.08%	0.145
				GG2039-07	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic part 1	0.09%	0.150
				GG2040-09	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic frame 2	0.10%	0.166
				GG2040-13	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic housing	0.08%	0.131
				GG2047-01	24-120 Smart Phone Model XT2409, SIM card holder, Black plastic part	0.10%	0.171

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.28	GH1259	GG2039-11	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic part 2	0.04%	0.061
				GG2039-13	24-120 Smart Phone Model XT2409, Rear camera 1, Black plastic frame 2	0.05%	0.080
				GG2040-03	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic frame	0.03%	0.051
				GG2040-06	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic part 1	0.02%	0.031
				GG2040-07	24-120 Smart Phone Model XT2409, Rear camera 2, Black plastic part 2	0.03%	0.054

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	1.08	GH1260	GG2044-01	24-120 Smart Phone Model XT2409, Shock pad 1	0.53%	0.908
				GG2044-02	24-120 Smart Phone Model XT2409, Shock pad 2	0.08%	0.140
				GG2044-08	24-120 Smart Phone Model XT2409, Shock pad 8	0.02%	0.028

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.12	GH1261	GG2044-03	24-120 Smart Phone Model XT2409, Shock pad 3	0.02%	0.034
				GG2044-04	24-120 Smart Phone Model XT2409, Shock pad 4	0.02%	0.040
				GG2044-14	24-120 Smart Phone Model XT2409, Shock pad 14	0.03%	0.045

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	5.37	GH1262	GG2002-04	24-120 Smart Phone Model XT2409, Battery, Flex rigid	0.89%	1.530
				GG2012-01	24-120 Smart Phone Model XT2409, Charging PWB	0.60%	1.025
				GG2015-00	24-120 Smart Phone Model XT2409, Connection flex	0.46%	0.783
				GG2018-01	24-120 Smart Phone Model XT2409, Display flex	0.62%	1.068
				GG2036-00	24-120 Smart Phone Model XT2409, Mute button flex	0.56%	0.960

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	2.58	GH1263	GG2021-00	24-120 Smart Phone Model XT2409, Flex 1	0.30%	0.510
				GG2027-00	24-120 Smart Phone Model XT2409, Flashlight PWB	0.17%	0.294
				GG2039-01	24-120 Smart Phone Model XT2409, Rear camera 1, PWB	0.46%	0.782
				GG2040-01	24-120 Smart Phone Model XT2409, Rear camera 2, PWB	0.23%	0.397
				GG2046-01	24-120 Smart Phone Model XT2409, SIM card PWB	0.35%	0.595

Article	Total Weight article [g]	Fraction weight [g]	Fraction Sample No.	Initial Sample No.	Description	Relative Weight in Article	Sample weight [g]
Smart Phone Model XT2409	171.18	0.58	GH1264	GG2022-02	24-120 Smart Phone Model XT2409, Front camera, PWB	0.06%	0.109
				GG2037-03	24-120 Smart Phone Model XT2409, NFC flex	0.05%	0.085
				GG2038-00	24-120 Smart Phone Model XT2409, PWB 1	0.05%	0.082
				GG2041-01	24-120 Smart Phone Model XT2409, Rear camera 3, PWB	0.08%	0.141
				GG2043-01	24-120 Smart Phone Model XT2409, Sensor flex	0.06%	0.103
				GG2039-14	24-120 Smart Phone Model XT2409, Rear camera 1, Flex	0.04%	0.063

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