

**VDE Prüfbericht / VDE Test Report**

Prüfbericht Nr. Report No.	328005-TL7-1
VDE-Aktenzeichen VDE File No.	5022428-9021-0129/328005
Ausstellungsdatum Date of issue	2025-04-30
Labor Laboratory	VDE Prüf- und Zertifizierungsinstitut GmbH
Adresse Address	Merianstrasse 28 63069 Offenbach/Main; Germany
Prüf-ort / 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
Warenzeichen Trade Mark	Motorola/Lenovo
Typenbezeichnungen(en) Type reference(s)	XT2527 Series
Bemessungsdaten Ratings	
Zustand des Prüfmusters Test sample condition	☒ Unbeschädigtes Prüfmuster Non-damaged sample
	Bemerkung / Remark:
Wareneingang Prüfmuster Sample entry date	2025-02-24
Datum der Durchführung der Prüfungen Date (s) of performance of tests	2025-02-24 - 2025-04-30

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



Geprüft und ausgestellt von: <i>Tested by</i>	Annkatrin Kuhl		
Name / <i>Name</i> , Unterschrift / <i>Signature</i>:	(Autorisierung des Prüfberichtes <i>Authorization of Test Report</i>)		
Funktion / <i>Function</i>	Prüfingenieur / <i>Testing engineer</i>		
Überprüft von / <i>Approved by</i>			
Name / <i>Name</i> , Unterschrift / <i>Signature</i>:	Beatrice Duchardt		
Funktion / <i>Function</i>	Fachzertifizierer / <i>Technical Certification Officer</i>		

Abschließendes Prüfergebnis <i>Final Verdict:</i>	☒ P	☐ F
Bemerkung / <i>Remark</i>:		

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

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

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
PBB, PBDE, TBBPA, HBCDD, Bis(2-ethylhexyl)tetrabromphthalat	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1600 and ISQ7610 (GC-8) Inv. No. 5211231	Inhouse Method acc. to IEC 62321-6 and 62321-12
Cr(VI)	Ultraviolet Spectrometry (UV-Vis) Agilent Technologies Cary 8454 UV-Vis Inv. No. 1150611	IEC 62321-7-1:2015
Pb, Cd, Cr Quantification in Polymers/ Alloys/PWBs	Inductively coupled plasma atomic emission spectroscopy (ICP-AES) Spectro Blue Inv. No. 5200429	IEC 62321-5:2013
Pb, Br Localization	Energy-Dispersive X-Ray Fluorescence (EDXRF) Spectro Midex (M1) Inv. No. 1150728 Spectro Midex (M3) Inv. No. 1150774 Spectro Midex (M4) Inv. No. 1150776 Bruker M4 Tornado (T1) Inv. No. 1150719 Bruker M4 Tornado (T2) Inv. No. 1150879	IEC 62321-3-1:2013
REACH SVHC / Annex XIV / Annex XVII Substances Headspace screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (HS-GC2) Inv. No. 5211104	Inhouse method according to DIN TS 51012:2020-4
REACH SVHC / Annex XIV / Annex XVII Substances screening	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse method according to DIN TS 51012:2020-4
Phthalates	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	Inhouse Method
PAH	Gas chromatography with mass spectrometric detection (GC-MSD) ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-7) Inv. No. 5211163 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-5) Inv. No. 5211095 ThermoFisher SCIENTIFIC TRACE1300 and ISQ7000 (GC-4) Inv. No. 5211053	AfPS GS 2019:01 PAK IEC 62321-10/CD



PFAS	Liquid chromatography with mass spectrometric detection (LC-MS) ThermoFisher SCIENTIFIC HPLC Ultimate 3000 and TSQ Quantis (LC-MS) Inv. No. 1150726	Inhouse Method
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1 Description of the Sample (EUT)

Type of EUT:	Product as mentioned on page 1												
Model:													
Serial number:													
	 <table border="1"> <tr> <td>SKU1</td><td>LATAM</td></tr> <tr> <td>FVC</td><td>RUE</td></tr> <tr> <td>SIM</td><td>DS</td></tr> <tr> <td>CNCE FN</td><td>2015M686H001</td></tr> <tr> <td>MOTO FN</td><td>SA78E71998</td></tr> <tr> <td colspan="2">1st Source</td></tr> </table>	SKU1	LATAM	FVC	RUE	SIM	DS	CNCE FN	2015M686H001	MOTO FN	SA78E71998	1st Source	
SKU1	LATAM												
FVC	RUE												
SIM	DS												
CNCE FN	2015M686H001												
MOTO FN	SA78E71998												
1st Source													

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 6
Polychlorobiphenyls and derivatives (PCBs)	For indicator element Cl see chapter 3 ¹⁾
Polychloroterphenyls and derivatives (PCTs)	For indicator element Cl see chapter 3 ¹⁾
Azo Dyes in leathers and textiles	n.a. (no leather and textiles)
Arsenic and arsenic compounds in <u>wood products</u> as a preservative [3]	For indicator element As see chapter 3 ¹⁾
Bisphenol-A [4]	n.d. see chapter 6
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 6
Diisobutyl Phthalate (DIBP), Dibutyl Phthalate (DBP), Benzyl Butyl Phthalate (BBP), Bis(2-ethylhexyl) Phthalate (DEHP)	detected see Chapter 6
Diisononyl Phthalate (DINP)	n.d. see chapter 3, 6
Formaldehyde	n.a. (no Composite Wood Products, textiles, washing or cleaning agents, cosmetic care products)
Lead and lead compounds	detected see chapter 2, 3 ¹⁾
Lead in cable jackets [1, 2]	n.d. see chapter 3
Nickel and nickel compounds [4]	detected see chapter 3 ²⁾
Nonylphenol ethoxylate [7]	n.d. see chapter 6
Nonylphenol and its isomer mixtures [7]	n.d. see chapter 6



Substances	Results
Polybrominated biphenyls (PBBs)	n.d. see chapter 3
Polybrominated diphenyl ethers (PBDEs)	n.d. see chapter 3
Perchlorates-Lithium Perchlorate, Magnesium Perchlorate, Zinc Perchlorate [5]	n.a. (no perchlorate Batteries)
Perfluoro alkyl sulfonates (PFAS), and derivatives (including PFOS)	n.d. see chapter 8
Perfluorooctanoic Acids	n.d.
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
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 6
REACH Authorised and Restricted Substances not otherwise listed – Entry 20 Organostannic compounds [6]	Sn > 0.1 % detected See sample GR2255-00 (0.17% Sn) ¹⁾ See sample GR2223-01 (0.18% Sn) ¹⁾ See sample GR2250-16 (0.20% Sn) ¹⁾
REACH Authorised and Restricted Substances not otherwise listed – Entry 21 Di-μ-oxo-di-n-butylstanniohydroxyborane [6]/ Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB)	Sn > 0.04 % detected See sample GR2224-17 (0.06% Sn) ¹⁾ See sample GR2253-05-0403 (0.06% Sn) ¹⁾ See sample GR2209-18 (0.09% Sn) ¹⁾ See sample GR2255-00 (0.17% Sn) ¹⁾ See sample GR2223-01 (0.18% Sn) ¹⁾ See sample GR2250-16 (0.20% Sn) ¹⁾
REACH Authorised and Restricted Substances not otherwise listed – Entry 50 Polycyclic-aromatic hydrocarbons (PAH)	See Chapter 7
REACH Candidate List Substances not otherwise listed	detected , see chapter 6
Tris(2-chloroethyl)phosphate ("TCEP")	n.d. see chapter 6
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.



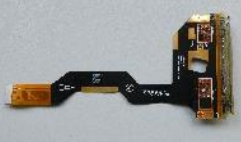
Following materials of concern according to Motorola 12G02897W18 rev. V6 were identified that exceed the thresholds according to Appendix C Section 5 for controlled and banned substances.

2.2 Items that only use Homogeneous Materials

Sample Item	Description	Photo	Material of Concern (Concentration) ¹⁾	Does that rating make use of an Exemption	Sub Item level acceptance rating
GR2240-01	25-046 Motorola, Smart phone, Model XT2527, Metal housing		Pb ($0.01 \pm 0.004 \%$ = 100 ± 40 ppm)	No	Pass
GR2240-05	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Metal plates 1		Pb ($0.01 \pm 0.004 \%$ = 100 ± 40 ppm)	No	Pass

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

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

Sample Item	Description	Photo	Sub item	Material of Concern (Concentration) ¹⁾	Does that rating make use of an Exemption	Sub Item level acceptance rating
GR2227-01	25-046 Motorola, Smart phone, Model XT2527, Display flex		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GR2239-01	25-046 Motorola, Smart phone, Model XT2527, Main PWB		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GR2253-01	25-046 Motorola, Smart phone, Model XT2527, SUB PWB		PWB (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GR2209-17	25-046 Motorola, Smart phone, Model XT2527, Battery, Flexgrid		Flex (100%) ²⁾	Pb	Pb in glass or ceramic of electrical and electronic components Exemption 7(c)-I	Pass, exemption applicable
GR2240-07	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Screw insert		Surface coating (1%)	Pb (1.6 ± 0.5 % = 16000 ± 5000 ppm)	Pb in Copper alloy Exemption 6(c)	Pass, exemption applicable
			Base metal (99%)	Pb (2.4 ± 0.8 % = 24000 ± 8000 ppm)	Pb in Copper alloy Exemption 6(c)	Pass, exemption applicable

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

²⁾ 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

Sample No	Description	Material of Concern (Concentration) ¹⁾	Calculated to the smallest weight of the fraction	Does that rating make use of an Exemption	Sub Item level acceptance rating
GR2227-02	25-046 Motorola, Smart phone Model XT2527, Display flex, Metallic glue strip 1	DEHP (0.006 ± 0.002 % = 60 ± 20 ppm) ²⁾	DEHP (0.026 = 260 ppm)	No	Pass
GR2227-03	25-046 Motorola, Smart phone Model XT2527, Display flex, Metallic glue strip 2				
GR2246-02	25-046 Motorola, Smart phone Model XT2527, Metallic shock pads 2				

¹⁾ Threshold limits are given in ppm, exemptions are in wt.% - ppm = mg/kg (w/w). The determinable concentration of DEHP/BBP/DBP/DIBP may be > 0.1% by weight in homogeneous materials for material with a weight below 0.02 g.

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

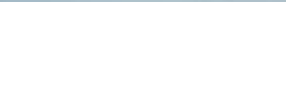
3 Material Assay Screening Results

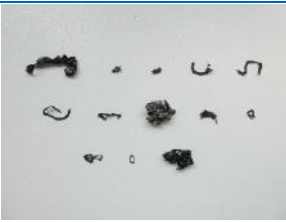
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Smart phone Model XT2527							
GR2208-00	25-046 Motorola, Smart phone, Model XT2527, Backside cover		11.252					
GR2208-01	25-046 Motorola, Smart phone, Model XT2527, Backside cover			9.157		Epoxy	Main: Si; Other: Al P S Cl K Ca Ti Fe Cu Sr Zr; Trace: V Br Sb Ba Ce.	Reportable: Al Fe Si P;
GR2208-02	25-046 Motorola, Smart phone, Model XT2527, Backside cover, Soft plastic cover			2.035		Silicone	Main: Si; Other: Al P S Cl Ca Ti Cu; Trace: K Fe Ni Zn Zr.	Reportable: Al Cu Si P;
GR2208-03	25-046 Motorola, Smart phone, Model XT2527, Backside cover, Logo			0.060		PET 90% PMMA 10%	Other: Al Si P S Ca Ti Sb; Trace: Cl K V Fe Ni Cu Ba.	Reportable: Al Sb;
GR2209-00	25-046 Motorola, Smart phone, Model XT2527, Battery		65.285					
GR2209-01	25-046 Motorola, Smart phone, Model XT2527, Battery, Metal outer cover			2.714			Main: Al Si P S Cl Fe; Other: K Ca Ti V Cr Mn Co Ni Cu Zn Ga Y Zr Nb Mo Pr Pb Th; Trace: Ge As Sb Ba Yb Bi.	Reportable: Al Cr Fe Co Cu Zn Y Pr; Controlled: Ni Pb.
GR2209-02	25-046 Motorola, Smart phone, Model XT2527, Battery, Green glue strips			0.352		PET	Main: Co; Other: Al Si P S Ca Ti Fe Cu Sb; Trace: Cl K V Mn Y Zr Ta.	Reportable: Al Fe Co Cu Sb P;
GR2209-03	25-046 Motorola, Smart phone, Model XT2527, Battery, Blue glue strips			0.058		PET 80% Acrylic 20%	Main: Co; Other: Al Si P S Ca Fe Cu; Trace: Cl K Ti V Mn Zn Ga Y Zr Sb W.	Reportable: Al Fe Co Cu P;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2209-04	25-046 Motorola, Smart phone, Model XT2527, Battery, Contact 1			0.142			Main: P Ni Cu; Other: Al Si S Cl K Fe Zn Nd; Trace: Ca Cr Mn Co Ga Ge Se Y Zr Nb Ba Ce Pr Au.	Reportable: Al Fe Co Cu Zn Nd; Controlled: Ni.
GR2209-05	25-046 Motorola, Smart phone, Model XT2527, Battery, Contact 2			0.064			Main: Al; Other: Si P S Cl K Ca Fe Co Ni; Trace: Ti V Cr Cu Ga Yb.	Reportable: Al Fe Co; Controlled: Ni.
GR2209-06	25-046 Motorola, Smart phone, Model XT2527, Battery, Copper foil			6.456			Main: Cu; Other: Al P S Cl Nd; Trace: Si K Ca Cr Mn Fe Co Zn Ga Ge Y Zr Nb Rh Ag Ba Au Bi.	Reportable: Al Co Cu Nd;
GR2209-07	25-046 Motorola, Smart phone, Model XT2527, Battery, Silver foil			5.724			Main: Al Co; Other: Si P S Cl K Ca Fe Cu; Trace: Ti V Mn Zn Ga Y Yb.	Reportable: Al Fe Co Cu;
GR2209-08	25-046 Motorola, Smart phone, Model XT2527, Battery, White foil			4.141		PE	Main: Al P S; Other: Si Cl K Ca Fe Co Cu; Trace: Ti Ni Ga Y Zr Ta.	Reportable: Al Fe Co Cu P;
GR2209-09	25-046 Motorola, Smart phone, Model XT2527, Battery, Carbon coating			44.505			Main: Co; Other: Al Si P S Ca Ti Mn Y Zr La Hf; Trace: Cl K V Cr Cu Zn Ba Ta.	Reportable: Al Co Y La P;
GR2209-10	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 1			0.037		PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Co Ni Cu Zn.	Reportable: Al Fe Co Si P;
GR2209-11	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 2			0.070		PAI 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: V Mn Co Cu Zn Nb Sn.	Reportable: Al Fe Co P;
GR2209-12	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 3			0.020		PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Co; Trace: Ti Mn Ni Cu Zn Zr.	Reportable: Al Fe Co Si P;
GR2209-13	25-046 Motorola, Smart phone, Model XT2527, Battery, Black shock pad 1			0.044		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 Si; Controlled: Ni.
GR2209-14	25-046 Motorola, Smart phone, Model XT2527,			0.029		PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe Co;	Reportable: Al Fe Co Si;
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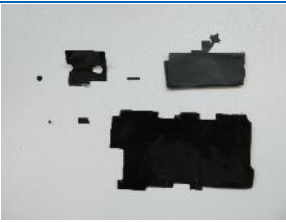


Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Battery, Black glue strip 4						Trace: Ti Ni Cu Zn.	
GR2209-15	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 5			0.032		PAI 80% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti Co Ni Cu Zn.	Reportable: Al Fe Co Si P;
GR2209-16	25-046 Motorola, Smart phone, Model XT2527, Battery, Black shock pad 2			0.040		Silicone 60% PET 20% Acrylic 20%	Main: Si; Other: Al P S Cl K Ca Fe; Trace: Ti Mn Co Ni Cu Zn Zr Sb.	Reportable: Al Fe Co Si P;
GR2209-17	25-046 Motorola, Smart phone, Model XT2527, Battery, Flexgrid			0.842			See x,y-Scan Results in Chapter 5. Main: Si P S Cu; Other: Al Cl K Ca Cr Mn Fe Sr Zr Sn Ba Hf; Trace: V Ga Ag I Ce.	Reportable: Al Cr Fe Cu Sn Ba Si P; Controlled: Pb.
GR2209-18	25-046 Motorola, Smart phone, Model XT2527, Battery, Blue glue			0.015		Acrylic	Other: Al Si P S Cl Ca Fe Ni Cu Sn; Trace: K Ti Cr Mn Br Hf.	Reportable: Al Fe Sn Si P;
GR2210-00	25-046 Motorola, Smart phone, Model XT2527, Black cable		0.243					
GR2210-01	25-046 Motorola, Smart phone, Model XT2527, Black cable, Black outer cable jacket			0.056		PTFE	Other: Al Si P S Ca; Trace: Cl K Fe Ni Cu Sn.	Reportable: Al P;
GR2210-02	25-046 Motorola, Smart phone, Model XT2527, Black cable, White inner cable jacket			0.028		PTFE	Other: Al Si P S Cl Ca Ti Fe; Trace: K V Co Ni Cu.	Reportable: Al Fe Co P;
GR2210-03	25-046 Motorola, Smart phone, Model XT2527, Black cable, Wire 1			0.113			Main: Cu Sn; Other: Al Si P S Cl K Zn; Trace: Ca Fe Ga Zr Nb Ba La Nd Yb W.	Reportable: Al Cu Zn Sn;
GR2210-04	25-046 Motorola, Smart phone, Model XT2527, Black cable, Wire 2			0.014			Main: Si Cu Ag; Other: Al P S Cl Ti Zn Nd; Trace: Ca Fe Ni Ge Zr Nb Rh Ba Yb.	Reportable: Cu Zn Ag Nd;

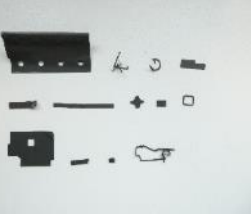
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2210-05	25-046 Motorola, Smart phone, Model XT2527, Black cable, Contacts			0.001			Main: Si P S Cl Ni Cu Sn; Other: Ca Ti V Cr Ge Br Ag Nd Au; Trace: Al Mn Zn As Sr Y Zr Nb Rh.	Reportable: Cr Cu Ag Sn Nd Au; Controlled: Ni.
GR2210-06	25-046 Motorola, Smart phone, Model XT2527, Black cable, Black plastic parts			0.001		PP	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni Cu; Trace: Cr Mn Zn Sr Zr Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2210-07	25-046 Motorola, Smart phone, Model XT2527, Black cable, Golden contact holders			0.030			Main: P Ni Cu Sn; Other: Al Si S Cl K Ti Nd Au; Trace: Ca Mn Fe Zn Ge Zr Nb I Pr.	Reportable: Al Cu Sn Nd Au; Controlled: Ni.
GR2211-00	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic parts 1+2		0.011					
GR2211-01	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic parts 1+2, Black soft plastic rings			0.005		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 P;
GR2211-02	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic parts 1+2, Black glue			0.001		Acrylic	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn.	Reportable: Al Fe Cu Zn Si P;
GR2211-03	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic parts 1+2, Clear soft plastic rings			0.005		Silicone	Main: Si; Other: Al P S Cl K Ca Fe Cu Zn; Trace: Ti Ni Zr Sn Hf.	Reportable: Al Fe Zn Si P;
GR2212-00	25-046 Motorola, Smart phone, Model XT2527, Black glue 1-13, Blue glue		0.923					
GR2212-01	25-046 Motorola, Smart phone, Model XT2527, Black glue 1			0.141		Acrylic	Other: Al Si P S Cl Ca Fe Zn; Trace: K Ti Mn Co Cu.	Reportable: Al Fe Co Zn;
GR2212-02	25-046 Motorola, Smart phone, Model XT2527, Black glue 2			0.007		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Zn;	Reportable: Al Fe Zn;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
							Trace: Ti Mn Cu.	
GR2212-03	25-046 Motorola, Smart phone, Model XT2527, Black glue 3			0.009		Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ni Cu.	Reportable: Al Fe Zn;
GR2212-04	25-046 Motorola, Smart phone, Model XT2527, Black glue 4			0.011		Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Mn Ni Cu Sn Yb Hf.	Reportable: Al Fe Zn;
GR2212-05	25-046 Motorola, Smart phone, Model XT2527, Black glue 5			0.011		Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Mn Co Ni Cu.	Reportable: Al Fe Co Zn;
GR2212-06	25-046 Motorola, Smart phone, Model XT2527, Black glue 6			0.007		Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Co Ni Cu Sn Yb Hf.	Reportable: Al Fe Co Zn;
GR2212-07	25-046 Motorola, Smart phone, Model XT2527, Black glue 7			0.009		Acrylic	Other: Al Si P S Cl K Ca Fe Zn; Trace: Ti Ni Cu Yb Hf.	Reportable: Al Fe Zn;
GR2212-08	25-046 Motorola, Smart phone, Model XT2527, Black glue 8			0.523		Acrylic	Other: Al Si P S Cl K Ca Ni Cu; Trace: Ti Cr Fe Zn.	Reportable: Al Cu Si; Controlled: Ni.
GR2212-09	25-046 Motorola, Smart phone, Model XT2527, Black glue 9			0.012		Acrylic	Other: Al Si P S Cl K Ca Ti Fe Ni Cu Zn; Trace: Cr Mn Co Hf.	Reportable: Al Fe Co Zn Si P;
GR2212-10	25-046 Motorola, Smart phone, Model XT2527, Black glue 10			0.003		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Co Cu Zn Sb Hf.	Reportable: Al Fe Co P;
GR2212-11	25-046 Motorola, Smart phone, Model XT2527, Black glue 11			0.003		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Co Hf.	Reportable: Al Fe Co Zn Si P;
GR2212-12	25-046 Motorola, Smart phone, Model XT2527,			0.001		Acrylic	Other: Al Si P S Cl K Ca Ti Fe	Reportable: Al Fe Co P;
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Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Black glue 12						Ni; Trace: V Co Cu Zn Sb Hf.	
GR2212-13	25-046 Motorola, Smart phone, Model XT2527, Black glue 13			0.186		Acrylic	Other: Al Si P S Cl K Ca Cu Zn; Trace: Fe Ba Yb.	Reportable: Al Cu Zn;
GR2213-00	25-046 Motorola, Smart phone, Model XT2527, Black glue strips 1-7		1.855					
GR2213-01	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 1			0.001		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Yb W; Trace: Ti Mn Cu Ge Sn Sb.	Reportable: Al Fe W P;
GR2213-02	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 2			0.103		PET 80% Acrylic 20%	Other: Al Si P S Ca Ba; Trace: K Ti V Fe Ni Cu Sb.	Reportable: Al Ba;
GR2213-03	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 3			0.004		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni Cu W; Trace: Cr Mn Co Zn Sb Yb Hf.	Reportable: Al Fe Co W Si P;
GR2213-04	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 4			0.805		PET 80% Acrylic 20%	Other: Al Si P S Cl Ca Ti Fe; Trace: K Cu Sb.	Reportable: Al Fe Si;
GR2213-05	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 5			0.001		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Mn Fe Ni Cu Zn; Trace: Ti Cr Ga Zr Sn Sb.	Reportable: Al Fe Cu Zn P; Controlled: Ni.
GR2213-06	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 6			0.001		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sn Sb.	Reportable: Al Fe Co Si P;
GR2213-07	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 7			0.940		PET 80% Acrylic 20%	Other: Al Si P S Ca; Trace: K Fe Cu Sb.	Reportable: Al;

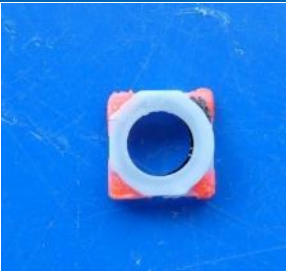
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2214-00	25-046 Motorola, Smart phone, Model XT2527, Black plastic frame		2.051			PC	Other: Al Si P S Ca; Trace: Cl K Ti Fe Cu.	Reportable: Al;
GR2215-00	25-046 Motorola, Smart phone, Model XT2527, Black plastic net		0.023					
GR2215-01	25-046 Motorola, Smart phone, Model XT2527, Black plastic net			0.003		PET	Other: Al Si P S Cl K Ca Ti Fe Co Ni Cu Zn; Trace: Mn Sb.	Reportable: Al Fe Co Zn P; Controlled: Ni.
GR2215-02	25-046 Motorola, Smart phone, Model XT2527, Black plastic net, Black glue 1			0.003		Acrylic	Main: S; Other: Al Si P Cl K Ca Fe Ni Zn; Trace: Ti Mn Cu Hf.	Reportable: Al Fe Zn P;
GR2215-03	25-046 Motorola, Smart phone, Model XT2527, Black plastic net, Black soft plastic part			0.016		Silicone 60% PET 40%	Main: Si; Other: Al P S Cl K Ca Fe Zn; Trace: Ti Mn Co Ni Cu Zr Sb.	Reportable: Al Fe Co Zn Si P;
GR2215-04	25-046 Motorola, Smart phone, Model XT2527, Black plastic net, Black glue 1			0.001		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Co.	Reportable: Al Fe Co Zn;
GR2216-00	25-046 Motorola, Smart phone, Model XT2527, Black plastic pin		0.005					
GR2216-01	25-046 Motorola, Smart phone, Model XT2527, Black plastic pin			0.004		PA	Main: Al Si; Other: P S Cl K Ca Ti Fe Ni Cu Ba; Trace: Cr Mn Zn Ga Sr Y Zr.	Reportable: Al Fe Ba Si P;
GR2216-02	25-046 Motorola, Smart phone, Model XT2527, Black plastic pin, Red sealing			0.001		Silicone	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni; Trace: Cr Mn Co Cu Zn Sn	Reportable: Al Fe Co Si P;

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
							Hf.	
GR2217-00	25-046 Motorola, Smart phone, Model XT2527, Black screws		0.751				Main: Si P Fe Zn; Other: Al S Cl K Ti Cr Mn Co Cu Mo Ba; Trace: Ca Ga Ge Zr Rh Sn Tl.	Reportable: Al Cr Fe Co Cu Zn Ba;
GR2218-00	25-046 Motorola, Smart phone, Model XT2527, Black sealing		0.080			TPU	Other: Al Si P S Cl K Ca; Trace: Ti Mn Fe Co Ni Cu Zn.	Reportable: Al Co Si P;
GR2219-00	25-046 Motorola, Smart phone, Model XT2527, Black shock pads 1-13		1.284					
GR2219-01	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 1			0.953		PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Ni; Trace: V Fe Co Cu Zn Sr Sb.	Reportable: Al Co; Controlled: Ni.
GR2219-02	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 2			0.007		PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Cu Zn Sb.	Reportable: Al Fe P; Controlled: Ni.
GR2219-03	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 3			0.002		PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Sb Hf.	Reportable: Al Fe P; Controlled: Ni.
GR2219-04	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 4			0.029		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl Fe Ni; Trace: K Cr Cu Sr Sb.	Reportable: Al Fe;
GR2219-05	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 5			0.033		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Cr Co Cu Zn Sr Sb.	Reportable: Al Fe Co;
GR2219-06	25-046 Motorola, Smart phone, Model XT2527,			0.032		PUR 60% PET 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni;	Reportable: Al Fe;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Black shock pad 6					Acrylic 20%	Trace: Cu Zn Sr Sb.	
GR2219-07	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 7			0.014		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Cr Mn Co Cu Zn Sr Sb.	Reportable: Al Fe Co;
GR2219-08	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 8			0.001		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Cr Fe Ni Cu; Trace: Ti Zn Sr Sb.	Reportable: Al Cr Fe;
GR2219-09	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 9			0.007		PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Sb Hf.	Reportable: Al Fe Co P; Controlled: Ni.
GR2219-10	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 10			0.167		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl Fe Ni Sb; Trace: K Co Cu Zn Sr Ce.	Reportable: Al Fe Co Sb;
GR2219-11	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 11			0.013		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Co Cu Sr Sb.	Reportable: Al Fe Co;
GR2219-12	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 12			0.004		PUR 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni Cu; Trace: Ti Cr Mn Zn Sr Sb Hf.	Reportable: Al Fe Si P; Controlled: Ni.
GR2219-13	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 13			0.022		PUR 60% PET 20% Acrylic 20%	Main: Al; Other: Si P S K Fe Ni Cu; Trace: Ca Cr Mn Zn Ga Sn.	Reportable: Al Fe; Controlled: Ni.
GR2220-00	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic pad		0.094			TPU	Other: Al Si P S Cl K Ca Ti; Trace: Mn Fe Ni Cu Zn Sn Ba.	Reportable: Al Si P;
GR2221-00	25-046 Motorola, Smart phone, Model XT2527, Blue cable		0.185					
GR2221-01	25-046 Motorola, Smart phone, Model XT2527,			0.043		PTFE	Other: Al Si P S Cl Ca Co Zn;	Reportable: Al Co Zn P;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Blue cable, Blue outer cable jacket						Trace: K Ti Fe Ni Cu Sn Yb.	
GR2221-02	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Golden contact holders			0.030			Main: Si S Ni Cu Sn; Other: P Cl K Ti Nd Au; Trace: Al Ca V Cr Mn Fe Ge Zr I.	Reportable: Cu Sn Nd Au; Controlled: Ni.
GR2221-03	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Black plastic parts			0.001		PP	Main: Ca; Other: Al Si P S Cl K Fe Ni Cu; Trace: Ti Cr Mn Zn Sr Zr Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2221-04	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Contacts			0.001			Main: P S Ni Cu Sn; Other: Si Cl Ca Ti Br Ag Pr Au; Trace: Al Ge Y Zr Nb Rh Sb.	Reportable: Cu Ag Sn Pr Au; Controlled: Ni.
GR2221-05	25-046 Motorola, Smart phone, Model XT2527, Blue cable, White inner cable jacket			0.043		PTFE	Other: Al Si P S Cl Ca Ti Fe Cu; Trace: K Ni Ag.	Reportable: Al Fe Cu P;
GR2221-06	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Wire 1			0.051			Main: Cu Sn; Other: Al Si P S Cl K Zn Nd; Trace: V Fe Ni Ga Ge Y Zr Nb Ag.	Reportable: Al Cu Zn Sn Nd;
GR2221-07	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Wire 2			0.016			Main: Cl Cu Ag; Other: Al Si P S Ca Zn Sn Nd; Trace: Ti Mn Fe Ni Ge Y Zr Nb Rh Sb Ba.	Reportable: Al Cu Zn Ag Sn Nd;
GR2222-00	25-046 Motorola, Smart phone, Model XT2527, Blue plastic frame		0.055					
GR2222-01	25-046 Motorola, Smart phone, Model XT2527, Blue plastic frame			0.049		PC	Other: Al Si P S Cl K Ca Ti; Trace: V Fe Ni Cu.	Reportable: Al P;
GR2222-02	25-046 Motorola, Smart phone, Model XT2527, Blue plastic frame, Black glue			0.001		PUR	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Sn.	Reportable: Al Fe Co Cu P; Controlled: Ni.
GR2222-03	25-046 Motorola, Smart phone, Model XT2527, Blue plastic frame, Pink			0.005		PC	Other: Al Si P S Cl K Ca Ti Fe Ni Cu;	Reportable: Al Fe Si P;

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	glue						Trace: Mn Zn Sn Hf.	
GR2223-00	25-046 Motorola, Smart phone, Model XT2527, Bottom plastic cover		0.846					
GR2223-01	25-046 Motorola, Smart phone, Model XT2527, Bottom plastic cover			0.668		PC	Main: Ca Cr Cu; Other: Al Si P S Cl K Ti Fe Ni Zn Zr Mo Sn Hf; Trace: Mn As Sr Y Sb Ce.	Reportable: Al Cr Fe Cu Zn Sn Si P; Controlled: Ni.
GR2223-02	25-046 Motorola, Smart phone, Model XT2527, Bottom plastic cover, Metal plate			0.178			Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu; Trace: Al Zn Ge As Mo.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2224-00	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker		2.885					
GR2224-01	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Black plastic housing			0.818		PC	Main: Ca; Other: Al Si P S Cl K Ti Fe; Trace: V Ni Cu Zn Sr Zr Ba La.	Reportable: Al Fe Si P;
GR2224-02	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Metal plate 1			0.425			Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Nb Rh Sn Sb Ce Ti.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2224-03	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Copper wire			0.092			Main: Si S Cu; Other: Al P Cl K Ca Ti Fe Zn Ag Sn Nd; Trace: Ni Ge Y Zr Nb Ba.	Reportable: Fe Cu Zn Ag Sn Nd;
GR2224-04	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Black plastic frame			0.108		PPA	Main: Si Ca; Other: Al P S Cl K Ti Fe Rb Sr Zr; Trace: V Cr Mn Ni Cu Zn Ga As Y Nb Ba La Ce.	Reportable: Al Fe Rb Si P;
GR2224-05	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Magnet			0.405			Main: Si Fe Zn Pr; Other: Al S Cl V Co Cu Ga Ge Y Zr Nb Mo W; Trace: Ca Rb Ru Rh In Sb Ti Bi.	Reportable: Al Fe Co Cu Zn Y Pr W;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2224-06	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Membrane			0.010		Metal 90% PMMA 10%	Main: Al Fe; Other: Si P S Cl K Ca Mn Ni Cu Zn Ga; Trace: Ti V Sn Sb.	Reportable: Al Fe Cu P;
GR2224-07	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Metal plate 2			0.605			Main: Fe Zn; Other: Al Si P S Cl K V Cr Mn Co Ni Cu Pr Nd; Trace: Ca Ti Ga Ge Zr Mo.	Reportable: Cr Fe Co Zn Pr Nd;
GR2224-08	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Metal plate 3			0.203			Main: Fe Zn; Other: Al Si P S Cl K Cr Mn Co Cu Nd; Trace: Ca Ni Ga Ge Zr Mo Sn Ba Ce.	Reportable: Cr Fe Co Zn Nd;
GR2224-09	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Metal plate 4			0.125			Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2224-10	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Flex 1			0.013			See x,y-Scan Results in Chapter 5. Main: P Cu; Other: Al Si S Cl K Ca Fe Co Ni Zn Zr Sn; Trace: Ti Cr Mn Ga Ag Sb.	Reportable: Al Fe Co Cu Zn Sn P; Controlled: Ni.
GR2224-11	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Flex 2			0.003			See x,y-Scan Results in Chapter 5. Main: Cu; Other: Al Si P S Cl K Ca Fe Co Ni Zr; Trace: Ti Cr Mn Zn Ag Sn.	Reportable: Al Fe Co Cu P;
GR2224-12	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Contacts			0.042			Main: S Cr Mn Fe Ni Cu Sn; Other: Si P Cl K V Co Zn Mo Au; Trace: Al Ca As Nb Ba La.	Reportable: Cr Fe Co Cu Zn Sn Au; Controlled: Ni.
GR2224-13	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Clear foil			0.013		PBT	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Cr Mn Co Sn.	Reportable: Al Fe Co Cu Zn P;

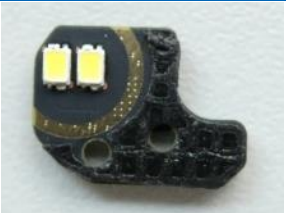


Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2224-14	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Clear glue 1			0.009		Acrylic	Other: Al Si P S Cl Ca Fe Ni Zn; Trace: K Mn Cu Sn Hf.	Reportable: Al Fe Zn P;
GR2224-15	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Pink glue			0.001		PUR	Main: S; Other: Al Si P Cl K Ca Fe Ni Cu; Trace: Ti Mn Co Zn Sn W.	Reportable: Al Fe Co Cu Si P;
GR2224-16	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Clear glue 2			0.012		Acrylic	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Cu Zn Sn Hf.	Reportable: Al Fe Si P;
GR2224-17	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Blue glue			0.001		PUR	Other: Al Si P S Cl K Ca Fe Ni Cu Zn Sn; Trace: Ti V Cr Mn Co Hf.	Reportable: Al Fe Co Sn Si P;
GR2225-00	25-046 Motorola, Smart phone, Model XT2527, Clear glue strips 1-2		0.137					
GR2225-01	25-046 Motorola, Smart phone, Model XT2527, Clear glue strip 1			0.077		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe; Trace: Ni Cu Zn Sb.	Reportable: Al Fe;
GR2225-02	25-046 Motorola, Smart phone, Model XT2527, Clear glue strip 2			0.060		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Cu; Trace: Co Ni Zn Sn Sb Hf.	Reportable: Al Fe Co Cu;
GR2226-00	25-046 Motorola, Smart phone, Model XT2527, Connection flex		0.792				See x,y-Scan Results in Chapter 5. Main: Al P Ni Cu; Other: Si S Cl Ca Ti Fe Co Zr Sn Ta; Trace: K Mn Ga Ag I Ba.	Reportable: Al Fe Co Cu Sn Si P; Controlled: Ni.
GR2227-00	25-046 Motorola, Smart phone, Model XT2527, Display flex		1.285					
GR2227-01	25-046 Motorola, Smart phone, Model XT2527, Display flex			1.113			See x,y-Scan Results in Chapter 5. Main: Al Si S Ni Cu;	Reportable: Al Fe Cu Ag Sn Ba Au Si P; Controlled: Ni Pb.



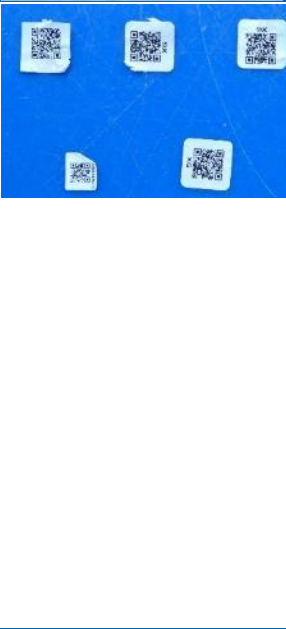
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾		
							Other: P Cl K Ca Ti Fe Zr Ag Sn Ba Ta Au; Trace: Cr Mn Ga Ge Sr Ru Pd I TI Pb.			
GR2227-02	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 1			0.074		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Sn Sb I Ba La Ce Ta DEHP.	Reportable: Al Fe Cu Si P; Controlled: Ni DEHP.		
GR2227-03	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 2			0.072		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S K Ca Ti Fe; Trace: Cl V Mn Ga Zr Sn Sb Ba Ta DEHP.	Reportable: Al Fe Cu P; Controlled: Ni DEHP.		
GR2227-04	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 3			0.001		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.		
GR2227-05	25-046 Motorola, Smart phone, Model XT2527, Display flex, Black glue strip 1			0.017		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Mn Co Ag Sb.	Reportable: Al Fe Co Cu Si; Controlled: Ni.		
GR2227-06	25-046 Motorola, Smart phone, Model XT2527, Display flex, Black glue strip 2			0.005		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Zn Sb.	Reportable: Al Fe Cu Si;		
GR2227-07	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 4			0.001		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl Ca Fe Ta; Trace: K Ti Mn Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.		
GR2227-08	25-046 Motorola, Smart phone, Model XT2527, Display flex, Label			0.002		PP 78% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Ti Fe Ni; Trace: Mn Cu Zn.	Reportable: Al Fe Si P;		
GR2228-00	25-046 Motorola, Smart phone, Model XT2527, Display foils		6.670							
GR2228-01	25-046 Motorola, Smart phone, Model XT2527, Display foil		2.107		PEI 80% Acrylic 20%	Main: Al Si S; Other: P Cl K Ca Ti Mo Ag In; Trace: Fe Zr Nb Hf.	Reportable: Al Ag Si;			
GR2228-02	25-046 Motorola, Smart phone, Model XT2527,		4.563		Copper 90% Acrylic 10%	Main: Si Ca Cu; Other: Al P S Cl Fe Zn;	Reportable: Al Fe Cu Zn;			
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Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Display foils, Copper foil						Trace: Ti Cr Mn Ga Ge Sr Y Zr Nb Mo Rh Ba La Ce Nd.	
GR2229-00	25-046 Motorola, Smart phone, Model XT2527, Display Front glass		19.150				Main: Si Sr; Other: Al P S K Ca Ti Fe Ag Sn I; Trace: Cl Ni Cu Ga Rb Zr Ba Ce Yb.	Reportable: Al Fe Ag Sn Si P;
GR2230-00	25-046 Motorola, Smart phone, Model XT2527, Filter		0.015					
GR2230-01	25-046 Motorola, Smart phone, Model XT2527, Filter			0.002		PE	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Mn Cu Hf.	Reportable: Al Fe P;
GR2230-02	25-046 Motorola, Smart phone, Model XT2527, Filter, Black foil			0.006		PET	Other: Al Si P S Cl Ca Fe Ni Cu; Trace: K Ti Mn Co Sb.	Reportable: Al Fe Co Cu P;
GR2230-03	25-046 Motorola, Smart phone, Model XT2527, Filter, Black glue 1			0.003		Acrylic	Main: S; Other: Al Si P Cl Ca Fe Ni; Trace: K Mn Cu.	Reportable: Al Fe P;
GR2230-04	25-046 Motorola, Smart phone, Model XT2527, Filter, Black glue 2			0.002		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu Zn; Trace: Ti Mn Sb.	Reportable: Al Fe Zn P;
GR2230-05	25-046 Motorola, Smart phone, Model XT2527, Filter, Black glue 3			0.002		PE	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Cu.	Reportable: Al Fe Zn P;
GR2231-00	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor		0.180					
GR2231-01	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor		0.150				Main: S Ni Cu; Other: Al Si P Cl K Ca Ti Fe Sr Zr Pd Ag Sn Ba Hf Ta Au; Trace: Cr Mn Ga Ge Se.	Reportable: Al Fe Cu Pd Ag Sn Ba Ta Au Si P; Controlled: Ni.

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2231-02	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor, Foil ring			0.001		PET	See x,y-Scan Results in Chapter 5. Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Cu Zn Hf.	Reportable: Al Fe Si P;
GR2231-03	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor, Black plastic housing			0.025		PC	Other: Al Si P S Ca; Trace: Cl K Fe Ni Cu.	Reportable: Al;
GR2231-04	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor, Plastic lenses			0.007			Other: Al Si P S Ca Ti Fe; Trace: Cl K Ni Cu Zn W.	Reportable: Al Fe Si;
GR2232-00	25-046 Motorola, Smart phone, Model XT2527, Flashlight PWB		0.259					
GR2232-01	25-046 Motorola, Smart phone, Model XT2527, Flashlight PWB			0.244			See x,y-Scan Results in Chapter 5. Main: Si S Ni Cu; Other: Al P Cl K Ca Ti Cr Mn Sr Ba Ta Au; Trace: Ga Zr Ag Sn Ce.	Reportable: Al Cr Cu Ba Au Si P; Controlled: Ni.
GR2232-02	25-046 Motorola, Smart phone, Model XT2527, Flashlight PWB, Black shock pad			0.010		TPU 60% PET 20% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Sr Sn Sb Ba Hf.	Reportable: Al Fe Si P; Controlled: Ni.
GR2232-03	25-046 Motorola, Smart phone, Model XT2527, Flashlight PWB, Black glue			0.005		Acrylic	Other: Al Si P S Cl K Ca Fe Cu Zn; Trace: Ti Mn Co Ni Sb Yb.	Reportable: Al Fe Co Cu Zn;
GR2233-00	25-046 Motorola, Smart phone, Model XT2527, Front camera		0.284					
GR2233-01	25-046 Motorola, Smart phone, Model XT2527, Front camera, Flex			0.121			See x,y-Scan Results in Chapter 5. Main: Si S Ni Cu; Other: Al P Cl K Ca Mn Fe Sr	Reportable: Al Fe Co Cu Pd Sn Ba Au Si P; Controlled: Ni.



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
							Zr Pd Sn Ba Ta Au; Trace: Ti V Cr Co Ga Ge Ag I.	
GR2233-02	25-046 Motorola, Smart phone, Model XT2527, Front camera, Black plastic housing			0.103		PPA	Main: Al Si P Ca; Other: S K Ti Fe Cu Zn Ba; Trace: Cl V Mn Ni Sr Zr Nb I Hf W.	Reportable: Al Fe Cu Zn Ba Si P;
GR2233-03	25-046 Motorola, Smart phone, Model XT2527, Front camera, Foil rings			0.001		PET	Other: Al Si P S Cl K Ca Ti Cr Fe Ni Cu; Trace: Mn Zn Sn Sb.	Reportable: Al Cr Fe Si P;
GR2233-04	25-046 Motorola, Smart phone, Model XT2527, Front camera, Black plastic ring			0.001		PMMA	Other: Al Si P S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn Sn Hf Bi.	Reportable: Al Fe Si P;
GR2233-05	25-046 Motorola, Smart phone, Model XT2527, Front camera, Metal ring			0.015			Main: S Cu Zn; Other: Al Si P Cl Ti Fe Bi; Trace: Ca V Ge As Y Sb Ba.	Reportable: Al Fe Cu Zn Bi;
GR2233-06	25-046 Motorola, Smart phone, Model XT2527, Front camera, Plastic lenses			0.028		PMMA	Other: Al Si P S Ca Ti; Trace: Cl K Fe Ni Cu Zn Ba.	Reportable: Al Si;
GR2233-07	25-046 Motorola, Smart phone, Model XT2527, Front camera, Blue glass			0.015			Main: Al Si P Ca Cu Zn Ba; Other: S Cl K Ti La Ce; Trace: V Cr Mn Ga Sr Sn Sb Te I Au.	Reportable: Al Cu Zn Ba La Ce Si P;
GR2234-00	25-046 Motorola, Smart phone, Model XT2527, Glass covers 1-4		0.722					
GR2234-01	25-046 Motorola, Smart phone, Model XT2527, Glass cover 1			0.173			Main: Al Si K Zn; Other: P S Cl Ca Ti Fe Zr Sn La; Trace: V Cu Ga Sb Ba Hf W.	Reportable: Al Fe Zn Sn La Si P;
GR2234-02	25-046 Motorola, Smart phone, Model XT2527, Glass cover 2			0.235			Main: Al Si P K; Other: S Cl Ca Ti Zn Zr Sn; Trace: Fe Cu Ga Sb Ba La W.	Reportable: Al Zn Sn Si P;
GR2234-03	25-046 Motorola, Smart phone, Model XT2527, Glass cover 3			0.157			Main: Al Si P K; Other: S Cl Ca Ti Zn Zr Sn; Trace: V Fe Cu Ga Sr Sb Ba La Hf W.	Reportable: Al Zn Sn Si P;

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2234-04	25-046 Motorola, Smart phone, Model XT2527, Glass cover 4			0.157			Main: Al Si P K; Other: S Ca Ti Zn Zr Nb Sn; Trace: Cl Fe Cu Ga Sr Sb Ba Hf W.	Reportable: Al Zn Sn Si P;
GR2235-00	25-046 Motorola, Smart phone, Model XT2527, Silver screw		0.031				Main: S Fe Ni Cu; Other: Al P Cl K Ca Ti Mn Ba; Trace: Si Co Ge As Sr Y Zr Nb Sb.	Reportable: Fe Co Cu Ba; Controlled: Ni.
GR2236-00	25-046 Motorola, Smart phone, Model XT2527, Labels 1-5		0.023					
GR2236-01	25-046 Motorola, Smart phone, Model XT2527, Label 1			0.005		Paper 70% Acrylic 20% CaCO3-Pigment 10%	Main: Ca; Other: Al Si P S Cl K Fe; Trace: Ti Mn Co Ni Cu Sr Zr Hf.	Reportable: Al Fe Co Si P;
GR2236-02	25-046 Motorola, Smart phone, Model XT2527, Label 2			0.003		Paper 80% CaCO3- Pigment 20%	Main: Ca; Other: Al Si P S Cl K Fe; Trace: Ti Mn Ni Cu Zn Sr Zr Sn.	Reportable: Al Fe Si P;
GR2236-03	25-046 Motorola, Smart phone, Model XT2527, Label 3			0.006		Paper 80% Acrylic 20%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Sr Hf.	Reportable: Al Fe Si P;
GR2236-04	25-046 Motorola, Smart phone, Model XT2527, Label 4			0.002		PP 70% Acrylic 20% CaCO3-Pigment 10%	Main: Si Ca; Other: Al P S Cl K Ti Fe Ni; Trace: V Mn Cu Zn Sr Zr.	Reportable: Al Fe Si P;
GR2236-05	25-046 Motorola, Smart phone, Model XT2527, Label 5			0.007		Paper 70% SEBS 20% CaCO3-Pigment 10%	Main: Ca; Other: Al Si P S Cl K Fe Ni; Trace: Ti Mn Cu Zn Sr Hf.	Reportable: Al Fe Si P;
GR2237-00	25-046 Motorola, Smart phone, Model XT2527, Light guide		0.072					

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2237-01	25-046 Motorola, Smart phone, Model XT2527, Light guide			0.071		PMMA	Other: Al P S Ca; Trace: Si Cl K Fe Cu Ba.	Reportable: Al;
GR2237-02	25-046 Motorola, Smart phone, Model XT2527, Light guide, Black glue			0.001		Acrylic	Other: Al Si P S Cl K Ca Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Fe Co P;
GR2238-00	25-046 Motorola, Smart phone, Model XT2527, Light sensor		0.249				See x,y-Scan Results in Chapter 5. Main: Si S Ni Cu; Other: Al P Cl K Ca Ti Sr Ba Au; Trace: Cr Mn Zr Sn.	Reportable: Al Cu Ba Au Si P; Controlled: Ni.
GR2239-00	25-046 Motorola, Smart phone, Model XT2527, Main PWB		15.559					
GR2239-01	25-046 Motorola, Smart phone, Model XT2527, Main PWB			9.560			See x,y-Scan Results in Chapter 5. Main: Al Si Ca Fe Ni Cu Sn Ba; Other: P S Cl K Ti Cr Mn Zn Ga Ge As Sr Zr Nb Mo Ag Hf Ta W Au; Trace: V Co Rb Y Pd Pb Bi.	Reportable: Al Cr Fe Co Cu Zn Ag Sn Ba Ta W Au Si P; Controlled: Ni As Pb.
GR2239-02	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Metal shildings 1			4.034			Main: Ni Cu Zn; Other: Al Si P S Cl Mn Fe Ag Sn; Trace: Ca Cr Co Ga Ge As Se Y Zr Ba Nd.	Reportable: Al Fe Co Cu Zn Ag Sn; Controlled: Ni.
GR2239-03	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Metal shilding 2			0.487			Main: Al Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Zn Mo; Trace: Ge As Nb Rh Sn Sb Ba Ce Pr Tl.	Reportable: Al Cr Fe Co Cu; Controlled: Ni.
GR2239-04	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Copper glue strip			0.222			Main: Ni Cu; Other: Al Si P S K Ti Cr Fe Zn Ba; Trace: Ca Mn Ga Ge Sr Y Zr	Reportable: Al Cr Fe Cu Zn Ba; Controlled: Ni.

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
							Nb Mo Sb La.	
GR2239-05	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Black glue strip			0.103		PET 80% Acrylic 20%	Other: Al Si P S Ca Ba; Trace: Cl K Ti Mn Fe Ni Cu Sb.	Reportable: Al Ba P;
GR2239-06	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Metal bar			0.080			Main: S Cr Mn Fe Ni; Other: Si P Cl K Ca V Co Cu Zn Mo; Trace: Al Ge Nb Sn Sb Ba Ti.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2239-07	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Thermal paste			0.459		Silicone	Main: Al Si; Other: P S Ca Fe; Trace: Cl K Ti V Ni Cu Zn Ga La Ce.	Reportable: Al Fe Si P;
GR2239-08	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Metal shildings 3			0.585			Main: Ni Cu Zn Sn; Other: Al Si P S Cl Mn Fe Ag Ba Nd; Trace: Ca Co Ga Ge As Se Y Zr Rh Bi.	Reportable: Al Fe Co Cu Zn Ag Sn Ba Nd; Controlled: Ni.
GR2239-09	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Metallic glue strip			0.006		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2239-10	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Humidity Indicator			0.001		PP 80% Acrylic 20%	Main: Al P; Other: Si S Cl K Ca Ti Fe Ni Cu; Trace: Mn Zn Ag Sn Sb.	Reportable: Al Fe Si P; Controlled: Ni.
GR2239-11	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Black soft plastic part			0.022		Silicone	Main: Si; Other: Al P S Cl K Ca Fe Zn; Trace: Ti Mn Ni Cu Zr Sn W.	Reportable: Al Fe Zn Si P;
GR2240-00	25-046 Motorola, Smart phone, Model XT2527, Metal housing		35.500					
GR2240-01	25-046 Motorola, Smart phone, Model XT2527, Metal housing			26.214			Main: Al Si P S Cl K Ca Mn Fe Cu Zn; Other: Ti V Cr Ni Ga Sr Zr Mo Sn Ba La Pr W Pb; Trace: Co Ge Y Nb Sb Ce Ti Bi.	Reportable: Al Cr Fe Co Cu Zn Sn Ba La Pr W; Controlled: Ni Pb.



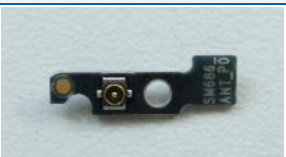
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2240-02	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Plastic frame			4.107		PC 80% Acrylic 20%	Main: S; Other: Al Si P Cl K Ca Ti Fe; Trace: V Ni Cu Sr Zr In Sn Ba La Ce.	Reportable: Al Fe P;
GR2240-03	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Black plastic part			5.098		PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: V Ni Cu Zn Sr Zr.	Reportable: Al Fe Si P;
GR2240-04	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Black shock pad			0.008		PUR 80% Acrylic 20%	Other: Al Si P S Cl K Ca Fe Ni; Trace: Ti Mn Co Cu Zn Zr.	Reportable: Al Fe Co Si P; Controlled: Ni.
GR2240-05	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Metal plates 1			0.023			Main: Al Si P S Fe; Other: Cl K Ca Ti Mn Ni Cu Zn Ga Sr Zr W Pb; Trace: Ge Y Nb Mo Sn Ba.	Reportable: Al Fe Cu Zn W; Controlled: Ni Pb.
GR2240-06	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Metal plates 2			0.025			Main: Al Si P S Ni Cu Sn Au; Other: Cl Fe Zn Ge; Trace: Ca Ti V Mn Zr Ag I.	Reportable: Al Fe Cu Zn Sn Au; Controlled: Ni.
GR2240-07	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Screw insert			0.025			Main: P S Cu Zn Pb; Other: Al Si Cl Ca Ti Mn Fe Ni Sn Sb Bi; Trace: Cr Ge Y Zr Ag Ba.	Reportable: Al Fe Cu Zn Sn Sb Bi; Controlled: Ni Pb.
GR2241-00	25-046 Motorola, Smart phone, Model XT2527, Metal plate		0.209				Main: Cr Mn Fe Ni; Other: Si P S K Ca V Co Cu Mo; Trace: Al Cl Zn Ge As Sn Ba.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2242-00	25-046 Motorola, Smart phone, Model XT2527, Metal rings		0.646				Main: Al P S Cu; Other: Si Cl K Ca Ti V Cr Mn Fe Ni Zn Ga; Trace: Zr Sn Sb Ba Tl.	Reportable: Al Cr Fe Cu Zn; Controlled: Ni.
GR2243-00	25-046 Motorola, Smart phone, Model XT2527, Metallic foam pads 1-3		0.013					



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2243-01	25-046 Motorola, Smart phone, Model XT2527, Metallic foam pad 1			0.008		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Cr Mn Sn Sb I Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2243-02	25-046 Motorola, Smart phone, Model XT2527, Metallic foam pad 2			0.003		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Mn Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2243-03	25-046 Motorola, Smart phone, Model XT2527, Metallic foam pad 3			0.002		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Sn Sb.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2244-00	25-046 Motorola, Smart phone, Model XT2527, Metallic foil, Graphite foil		0.042			PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Co Ni Cu Zn Sb.	Reportable: Al Fe Co P;
GR2245-00	25-046 Motorola, Smart phone, Model XT2527, Metallic glue strips 1-4		0.047					
GR2245-01	25-046 Motorola, Smart phone, Model XT2527, Metallic glue strip 1			0.010		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: Mn Sr Zr Sn Sb Ba.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2245-02	25-046 Motorola, Smart phone, Model XT2527, Metallic glue strip 2			0.012		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: V Mn Zr Sn Sb I Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2245-03	25-046 Motorola, Smart phone, Model XT2527, Metallic glue strip 3			0.013		PET 80% Acrylic 20%	Main: Al P Ni Cu; Other: Si S Cl K Ca Ti Mn Fe Ta; Trace: V Cr Ga Zr Sn Sb Ba.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2245-04	25-046 Motorola, Smart phone, Model XT2527, Metallic glue strip 4			0.012		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: V Mn Zr Sn Sb I Ba.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2246-00	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pads 1-5		0.080					



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2246-01	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pads 1			0.011		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Ga Zr Sn Sb Ta.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2246-02	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pads 2			0.042		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Zr Sb Ba La Ta DEHP.	Reportable: Al Fe Cu Si P; Controlled: Ni DEHP.
GR2246-03	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pad 3			0.011		PUR 60% PET 20% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe Ta; Trace: Mn Ga Zr Sn Sb.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2246-04	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pad 4			0.013		PUR 60% PET 20% 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 P; Controlled: Ni.
GR2246-05	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pad 5			0.003		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Cr Mn Ga Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2247-00	25-046 Motorola, Smart phone, Model XT2527, NFC flex		0.527				Main: Al Si S Fe Ni Cu Zn; Other: P Cl K Ca Ti Mn Co Sr Ba Ta Au; Trace: Cr Ga Ge Zr Mo Sn.	Reportable: Al Fe Co Cu Zn Ba Au Si P; Controlled: Ni.
GR2248-00	25-046 Motorola, Smart phone, Model XT2527, Power/Volume button flex		0.215				See x,y-Scan Results in Chapter 5. Main: Al P Cr Fe Ni Cu; Other: Si S Cl K Ca Mn Co Zr Ag Sn Ta Au; Trace: V Ga As Mo Ru Pd Sb Tl.	Reportable: Al Cr Fe Co Cu Ag Au Si P; Controlled: Ni.

Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2249-00	25-046 Motorola, Smart phone, Model XT2527, PWB		0.057				See x,y-Scan Results in Chapter 5. Main: S Ni Cu Sn; Other: Al Si P Cl K Ca Fe Zn Sr Zr Ag Ba Ta Au; Trace: Ti Cr Mn Ga Ge.	Reportable: Al Fe Cu Ag Sn Ba Au Si P; Controlled: Ni.
GR2250-00	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1		1.584					
GR2250-01	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Flex			0.423			See x,y-Scan Results in Chapter 5. Main: Si Fe Ni Cu Sn; Other: Al P S Cl Ca Cr Mn Co Zr Mo Ag I Ba Au; Trace: K Ti Ga Ge Sr Rh Sb Ta Tl.	Reportable: Al Cr Fe Co Cu Ag Sn Ba Au Si P; Controlled: Ni.
GR2250-02	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Copper glue strip			0.040			Main: Ni Cu; Other: Al Si P S Cl K Ti Fe Zn; Trace: Ca Cr Ga Ge Se Y Zr Nb Mo Ba.	Reportable: Al Fe Cu Zn; Controlled: Ni.
GR2250-03	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Metal frame			0.272			Main: P Cr Fe Ni Mo; Other: Si S Cl K Ca V Mn Cu Bi; Trace: Al Ti Co Ge Ru Rh.	Reportable: Cr Fe Co Cu Bi; Controlled: Ni.
GR2250-04	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Contacts 1			0.010			Main: Si S Ti Cu Sn; Other: P Cl V Co Zn Ba; Trace: Al Ca Fe Ni Sr Zr Nb.	Reportable: Co Cu Sn Ba;
GR2250-05	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Foil rings			0.001		PAI	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sb Hf.	Reportable: Al Fe P;
GR2250-06	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Contacts 2			0.006			Main: S Cr Fe; Other: Si P Cl K Ca V Mn Ni Cu Ba Th; Trace: Al Zn As Y Zr Nb Sb.	Reportable: Cr Fe Cu Ba; Controlled: Ni.



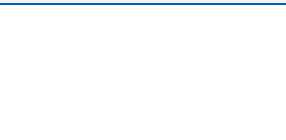
Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2250-07	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic frame 1			0.050		Polyester GF	Main: Si P S Ca Fe; Other: Al Cl K V Cr Mn Sr Ba; Trace: Co Ni Cu Zn Rb Sn I.	Reportable: Al Cr Fe Co Ba Si P;
GR2250-08	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Magnets			0.241			Main: Si Ni Cu Zn Pr; Other: Al S Cl K V Fe Y Zr Nb Mo; Trace: Ca Ti Ge Se Br Rh In.	Reportable: Al Fe Cu Zn Y Pr Bi; Controlled: Ni.
GR2250-09	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Copper wire			0.035			Main: Si S Cu; Other: Al P Cl K Ca Ti Zn; Trace: Ni Ge Sr Y Zr Nb Sb Ba Yb.	Reportable: Cu Zn;
GR2250-10	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic lens holder			0.134		Polyester GF	Main: Si; Other: Al P S Cl Ca Fe Ni Cu; Trace: K Zn Ba Hf.	Reportable: Al Fe Si;
GR2250-11	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Gray glue			0.004		PMMA	Main: Si S; Other: Al P Cl K Ca Ti Fe; Trace: Ni Cu Zn Sn.	Reportable: Al Fe Si P;
GR2250-12	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Blue glue			0.004		Acrylic	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni Cu Zn Sn Ba; Trace: Ag.	Reportable: Al Fe Cu Zn Sn Ba Si P;
GR2250-13	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic frame 2			0.048		Metal 80% PMMA 20%	Main: Si S Cu; Other: Al P Cl K Ca Ti Mn Fe Ba Hf; Trace: Cr Ga Sr Zr Pd Sn La Ce.	Reportable: Al Fe Cu Ba Si P;
GR2250-14	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Contacts 3			0.024			Main: Si S Ni Cu Zn Sn Au; Other: Al P Cl Ti Mn Fe Ge Ag Ba; Trace: Ca Zr Nb Pd Pr.	Reportable: Fe Cu Zn Ag Sn Ba Au; Controlled: Ni.
GR2250-15	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic frame 3			0.098		PA	Main: Al Si P S Ca Ti; Other: Cl K V Mn Fe Cu Zn Ba; Trace: Cr Ni Sr Zr Nb Sn I La Ce.	Reportable: Al Fe Cu Zn Ba Si P;
GR2250-16	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black			0.054		Polyester GF	Main: Si Ca; Other: Al P S Cl K Fe Ni Cu Zn Sn Ta W;	Reportable: Al Fe Cu Zn Sn W Si P; Controlled: Ni.



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	plastic frame 4						Trace: Ti Mn Sr Ag.	
GR2250-17	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic ring			0.003		PC 90% Acrylic 10%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Cu.	Reportable: Al Fe P;
GR2250-18	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Blue glass			0.025			Main: Al Si P Ca Cu Zn Ba; Other: S Cl K Ti Mn Ce Hf; Trace: Cr Ga Sr Sn Sb Te I La.	Reportable: Al Cu Zn Ba Ce Si P;
GR2250-19	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Plastic lenses			0.110		Polyolefine	Other: Al Si P Ca Ti; Trace: S Cl K Fe Ni Cu Zn.	Reportable: Al Si;
GR2250-20	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Copper wire 2			0.001			Main: Si P S Ti Cu; Other: Cl K Ca Ni Ba; Trace: Al Zn Y Zr Nb Sb.	Reportable: Cu Ba;
GR2250-21	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Copper wire 3			0.001			Main: P S Cu; Other: Al Si Cl Ca Ti Ni Ba; Trace: Zn Ge Sr Y Zr Nb Rh.	Reportable: Cu Ba; Controlled: Ni.
GR2251-00	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2		0.565					
GR2251-01	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Flex			0.135			See x,y-Scan Results in Chapter 5. Main: Si P S Ni Cu; Other: Al Cl K Ca Mn Fe Co Sr Zr Pd Sn Ba Ta Au; Trace: Ti V Cr Ga Ge Ag I La Ce.	Reportable: Al Fe Co Cu Pd Sn Ba Au Si P; Controlled: Ni.
GR2251-02	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Copper glue strip			0.019			Main: Si Ni Cu; Other: Al P S Cl K Ca Ti Fe Zn; Trace: Cr Mn Ga Ge Y Zr Nb Ba.	Reportable: Al Fe Cu Zn; Controlled: Ni.
GR2251-03	25-046 Motorola, Smart phone, Model XT2527,			0.147			Main: P S Fe Ni; Other: Al Si Cl K Ca Mn Sn	Reportable: Fe Co Sn Bi;

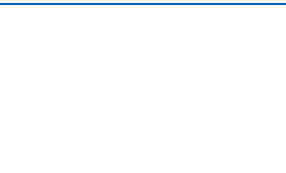


Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Rear camera 2, Metal frame						Bi; Trace: Cr Co.	Controlled: Ni.
GR2251-04	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Contacts 1			0.001			Main: Si S Ti Cu; Other: P Cl K Ca Ni Ba; Trace: Al Zn Ge Y Zr Nb Sb.	Reportable: Cu Ba;
GR2251-05	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Contacts 2			0.001			Main: Si S Ca Ti Cu; Other: P Cl Ni Ag Sn Ba Nd; Trace: Al V Cr Mn Fe Y Zr Nb.	Reportable: Cu Ag Sn Ba Nd;
GR2251-06	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Copper wire			0.014			Main: Si Cu; Other: Al P S Cl K Ca Ti Zn Sn; Trace: Fe Ni Ge Sr Y Zr Nb Ag Sb Ba La Nd.	Reportable: Al Cu Zn Sn;
GR2251-07	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Contacts 3			0.001			Main: Si P S Ti Cu; Other: Cl Ca Ni; Trace: Al Zn Ge Y Zr Nb Sb Ba Yb.	Reportable: Cu; Controlled: Ni.
GR2251-08	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Black plastic frame 1			0.020		Polyester GF	Main: Si S Ca; Other: Al P K Mn Fe Ba; Trace: Cl V Cr Ni Cu Zn Sr.	Reportable: Al Fe Ba Si P;
GR2251-09	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Magnets			0.055			Main: Si Fe Ni Cu Pr; Other: Al S Cl K V Co Rb Y Zr Nb Mo Ba; Trace: Ca Ge Se Br Ru Rh In Te Ce Tl.	Reportable: Al Fe Co Cu Rb Y Ba Pr; Controlled: Ni.
GR2251-10	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Black plastic lens holder			0.053		PC	Main: Si; Other: Al P S Cl K Ca Ni; Trace: Ti Cr Mn Fe Cu.	Reportable: Al Si P;
GR2251-11	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Black plastic frame 2			0.026		Polyester GF	Main: Si Ca; Other: Al P S Cl K Fe Ba; Trace: V Cr Mn Ni Cu Zn Sr I La.	Reportable: Al Fe Ba Si P;
GR2251-12	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Foil rings			0.001		PET	Other: Al Si P S Cl K Ca Ti Cr Fe Ni; Trace: Mn Cu Zn Sb Hf.	Reportable: Al Cr Fe Si P;
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Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2251-13	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Black plastic frame 3			0.035		PA	Main: Si P S Ca; Other: Al Cl K Ti V Fe Cu Zn Ba; Trace: Cr Mn Ni Sr Zr Nb Sn I Ta.	Reportable: Al Fe Cu Zn Ba Si P;
GR2251-14	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Blue glass			0.012			Main: Al Si P Ca Cu Zn Ba; Other: S Cl K Ti Mn Ce; Trace: V Cr Ga Sr Sn Sb I La.	Reportable: Al Cu Zn Ba Ce Si P;
GR2251-15	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Plastic lenses			0.045		Polyester	Other: Al Si P S Cl K Ca Ti; Trace: Mn Fe Ni Cu Zn.	Reportable: Al Si P;
GR2252-00	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder		0.421					
GR2252-01	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder, Black plastic part			0.175		PC	Main: Si Ca; Other: Al P S Cl K Ti Fe; Trace: V Ni Cu Zn Br Sr Zr In Sn Sb Ba.	Reportable: Al Fe Si P;
GR2252-02	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder, Black seal			0.005		Silicone	Main: Si; Other: Al P S Cl K Ca Ti Fe Ni; Trace: Cu Zn.	Reportable: Al Fe Si P;
GR2252-03	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder, Metal frame			0.240			Main: Cr Mn Fe Ni; Other: Si P S Cl K Ca V Co Cu Mo; Trace: Al Zn Ge As Nb Ba La Pr.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2252-04	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder, Label			0.001		PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sb Hf.	Reportable: Al Fe P;
GR2253-00	25-046 Motorola, Smart phone, Model XT2527, SUB PWB		1.463					
GR2253-01	25-046 Motorola, Smart phone, Model XT2527, SUB PWB			0.825			See x,y-Scan Results in Chapter 5. Main: Al Si P S Ca Fe Ni Cu; Other: Cl K Ti Cr Mn Sr Zr Ag	Reportable: Al Cr Fe Cu Ag Sn Ba Au Bi Si P; Controlled: Ni Pb.



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
							Sn Ba Ta Au Bi; Trace: Ge Pd I Pb.	
GR2253-02	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Red seal			0.007		PMMA	Main: Si; Other: Al P S Cl Ca Fe Ni; Trace: K Ti Cu Sn.	Reportable: Al Fe Si P;
GR2253-03	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Red glue			0.003		EP	Main: Si; Other: Al P S Cl Ca Ti Fe Sn; Trace: K V Ni Cu Sr.	Reportable: Al Fe Sn Si P;
GR2253-04	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Metal shielding			0.010			Main: P S Ni Cu Zn Au; Other: Al Si Cl K Ca Ti Ge Sn Sb Ba; Trace: Zr Pd I.	Reportable: Cu Zn Sn Sb Ba Au; Controlled: Ni.
GR2253-05	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector			0.617				
GR2253-05-01	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector, Metal housing				0.210		Main: Si Cr Fe Ni Mo; Other: P S Cl K Ca V Mn Co Cu Nb; Trace: Al Ge Rh Pr Au.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2253-05-02	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector, Metal plate 1				0.198		Main: Cr Mn Fe Ni; Other: Si P S Cl Ca V Cu Mo Ag Sn; Trace: Al K Co Zn As Nb Sb Pr Au.	Reportable: Cr Fe Co Cu Ag Sn; Controlled: Ni.
GR2253-05-03	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector, Metal plate 2				0.094		Main: S Cr Fe Ni Cu Sn; Other: Si P Cl Ca Mn Zn Mo Ag Au; Trace: Al Ti V Co As Sr Y Nb Rh Ba.	Reportable: Cr Fe Co Cu Ag Sn Au; Controlled: Ni.
GR2253-05-04	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector, Black plastic contact holder				0.070	PA	Main: Al P Ca Cu; Other: Si S Cl K Ti Fe Ni Zn Sn I Ta; Trace: V Cr Mn Sr Zr Pd Ba.	Reportable: Al Fe Cu Sn Si P; Controlled: Ni.
GR2253-05-05	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Connector, Black seal				0.011	Silicone	Main: Si; Other: Al P S Cl Ca Fe Ni Cu; Trace: K Co Sr Sn.	Reportable: Al Fe Co Cu Si P;
GR2253-05-06	25-046 Motorola, Smart phone, Model XT2527,				0.034		Main: S Cr Fe Ni Cu Au; Other: Si P Cl Ca V Mn Ge Zr	Reportable: Cr Fe Co Cu Pd Sn Au;
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Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	SUB PWB,Connector, Contacts						Pd Sn; Trace: Al Ti Co Ga Ag Ba La.	Controlled: Ni.
GR2253-06	25-046 Motorola, Smart phone, Model XT2527, SUB PWB, Humidity Indicator			0.001		Paper 80% Acrylic 20%	Main: S; Other: Al Si P Cl Ca Fe Ni; Trace: K Ti Mn Cu Zn Hf.	Reportable: Al Fe P;
GR2254-00	25-046 Motorola, Smart phone, Model XT2527, Thermal paste 1+2		0.423			Silicone	Main: Al Si; Other: P S Ca Fe Ga; Trace: Cl K Ti V Cu Zn Sb.	Reportable: Al Fe Si P;
GR2255-00	25-046 Motorola, Smart phone, Model XT2527, Top plastic cover		3.807			PC GF	Main: Ca Cr Cu; Other: Al Si P S Cl K Ti Fe Zn Zr Mo Sn Hf; Trace: Mn Ni As Sr Y Sb.	Reportable: Al Cr Fe Cu Zn Sn Si P;
GR2256-00	25-046 Motorola, Smart phone, Model XT2527, Top speaker		0.968					
GR2256-01	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Metal plate 1			0.214			Main: P Fe Ni; Other: Al Si S Cl K Ca Cr Mn Zn Bi; Trace: Y Sn Ba La Ce Nd Au Ti.	Reportable: Cr Fe Bi; Controlled: Ni.
GR2256-02	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Black plastic net 1			0.001		PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Co Cu Zn Sb.	Reportable: Al Fe Co P;
GR2256-03	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Black plastic nets 2			0.001		PET	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sn Sb Hf.	Reportable: Al Fe P;
GR2256-04	25-046 Motorola, Smart phone, Model XT2527,			0.030			Main: Si S Cu; Other: Al P Cl K Fe Ni Zn;	Reportable: Al Fe Cu Zn;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Top speaker, Copper wire						Trace: Ca Ti Y Zr Nb Sb Ba.	
GR2256-05	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Metal frame 1			0.138			Main: Cr Fe Ni; Other: Si P S Cl K Ca V Mn Co Cu Mo; Trace: Al Zn Ge As.	Reportable: Cr Fe Co Cu; Controlled: Ni.
GR2256-06	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Copper glue strip			0.004		Copper 90% Acrylic 10%	Main: Ni Cu; Other: Al Si P S Cl K Ca Fe; Trace: Ti Cr Mn Ga Sn Sb Ba Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2256-07	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Metal frame 2			0.068			Main: Fe Ni; Other: Si P S Cl K Ca Mn Zn; Trace: Al Co.	Reportable: Fe Co Zn; Controlled: Ni.
GR2256-08	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Magnet 1			0.188			Main: Si Fe Zn Pr; Other: Al S Cl Co Ni Cu Ga Ge Y Zr Nb Mo Nd W; Trace: Ca V Ru Rh In Sb Tl.	Reportable: Al Fe Co Cu Zn Y Pr Nd W Bi;
GR2256-09	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Magnets 2			0.182			Main: Fe Zn Pr; Other: Al Si S Cl V Co Cu Ga Ge Rb Y Zr Nb Mo W Th; Trace: Ca Ni Br Ru Rh In Sb Te Ti Bi.	Reportable: Al Fe Co Cu Zn Rb Y Pr W;
GR2256-10	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Black plastic frame			0.044		PA	Main: Al Si Ca; Other: P S Cl K Ti Fe Ni Zn; Trace: V Cr Mn Co Cu Rb Sr Zr Nb Sn Ba Ta W Bi.	Reportable: Al Fe Co Si P; Controlled: Ni.
GR2256-11	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Metal plate 2			0.064			Main: P Fe Ni Nd; Other: Al Si S Cl K Ca Ti V Cr Mn Zn Ga Pr Bi; Trace: Co Zr Te.	Reportable: Cr Fe Co Zn Pr Nd Bi; Controlled: Ni.
GR2256-12	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Flex 1			0.020			See x,y-Scan Results in Chapter 5. Main: Ni Cu Sn; Other: Al Si P S Cl K Ca Fe Co Zr W Au; Trace: Ti Mn Zn Ga Ba.	Reportable: Al Fe Co Cu Sn W Au P; Controlled: Ni.
GR2256-13	25-046 Motorola, Smart phone, Model XT2527,			0.002			See x,y-Scan Results in Chapter 5.	Reportable: Al Fe Co Si P;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	Top speaker, Flex 2						Other: Al Si P S Cl Ca Fe Co Ni Zr; Trace: K Ti Mn Cu Zn Hf.	
GR2256-14	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Pink glue 1			0.001		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Zn; Trace: Ti Mn Co Cu Sn Bi.	Reportable: Al Fe Co Si P;
GR2256-15	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Pink glue 2			0.003		PUR	Main: Si; Other: Al P S Cl K Ca Fe Ni Cu; Trace: Zn Sn.	Reportable: Al Fe Cu Si P;
GR2256-16	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Membrane			0.007		Metal 80% PPS/PC 20%	Main: Al; Other: Si P S Cl Ca Ti Mn Fe Ni Cu Ga; Trace: K V Zn Sn Sb Bi.	Reportable: Al Fe Cu Si P;
GR2256-17	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Clear glue			0.001		Acrylic	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Zn Sn.	Reportable: Al Fe Si P; Controlled: Ni.
GR2257-00	25-046 Motorola, Smart phone, Model XT2527, Vibra cell		0.914					
GR2257-01	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Metal housing			0.236			Main: P Cl Fe Ni; Other: Al Si S K Ca Cr Mn Cu Sn; Trace: Ti Zn Y Nd.	Reportable: Cr Fe Cu Sn; Controlled: Ni.
GR2257-02	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Metal plate			0.172			Main: P Fe Ni; Other: S Cl K Ca Mn Cu Sn; Trace: Al Si Cr Ba Ce.	Reportable: Fe Cu Sn; Controlled: Ni.
GR2257-03	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, PWB			0.247			See x,y-Scan Results in Chapter 5. Main: Si S Ni Cu; Other: Al P Cl K Ca Fe Co Sr Sn I Ba Ta W Au; Trace: Ti Cr Mn Ga Y Zr Ce.	Reportable: Al Fe Co Cu Sn Ba W Au Si P; Controlled: Ni.
GR2257-04	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Black shock			0.018		PUR 60% PET 20% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Cr Mn Cu Zn Ga Sb.	Reportable: Al Fe;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
	pad							
GR2257-05	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Metallic glue strip			0.007		PET 80% Acrylic 20%	Main: Ni Cu; Other: Al Si P S Cl K Ca Ti Fe; Trace: Mn Sn Sb Ta.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2257-06	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Magnet			0.228			Main: Si Fe Ni Cu Ce Pr; Other: Al S Cl Mn Y Zr Nb Mo La; Trace: Ca Ti V Co Zn Ge Br Rb Ru Rh In Ba.	Reportable: Al Fe Co Cu Y La Ce Pr; Controlled: Ni.
GR2257-07	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Flex			0.006			See x,y-Scan Results in Chapter 5. Main: Ni Cu; Other: Al Si P S Cl Ca Fe Co Zr Ta; Trace: K Cr Mn Ga Rb Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GR2257-08	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Clear glue strip			0.001		PE 80% Acrylic 20%	Other: Al Si P S Cl Ca Fe Ni; Trace: K Ti Mn Cu Hf.	Reportable: Al Fe P; Controlled: Ni.
GR2257-09	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, Clear glue			0.001		Acrylic	Main: Al P; Other: Si S Cl K Ca Fe Ni Cu; Trace: Ti Cr Mn Co Zn Sn Sb.	Reportable: Al Fe Co Cu Si P; Controlled: Ni.
GR2258-00	25-046 Motorola, Smart phone, Model XT2527, White cable		0.177					
GR2258-01	25-046 Motorola, Smart phone, Model XT2527, White cable, White outer cable jacket			0.042		PTFE	Other: Al Si P S Ca Ti; Trace: Cl K V Fe Ni Cu Sn.	Reportable: Al P;
GR2258-02	25-046 Motorola, Smart phone, Model XT2527, White cable, White inner cable jacket			0.042		PTFE	Other: Al Si P S Ca Ti Fe Cu; Trace: Cl K V Ni Hf.	Reportable: Al Fe Si P;
GR2258-03	25-046 Motorola, Smart phone, Model XT2527, White cable, Wire 1			0.043			Main: Cu Sn; Other: Al Si P S Cl Zn Ag; Trace: K Ca Fe Ga Ge Y Zr Nb Ba Nd.	Reportable: Al Cu Zn Ag Sn;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2258-04	25-046 Motorola, Smart phone, Model XT2527, White cable, Wire 2			0.018			Main: Cu Ag; Other: Al Si P S Cl Ti Zn Nd; Trace: Ca Fe Ni Ga Ge Zr Nb Rh Ba.	Reportable: Al Cu Zn Ag Nd;
GR2258-05	25-046 Motorola, Smart phone, Model XT2527, White cable, Metal contact holders			0.029			Main: Si P S Ni Cu Sn; Other: Al Cl K Ca Ti Au; Trace: Fe Ge Y Zr Nb Sb I Pr.	Reportable: Cu Sn Au; Controlled: Ni.
GR2258-06	25-046 Motorola, Smart phone, Model XT2527, White cable, Contacts			0.001			Main: P S Ni Cu Sn; Other: Si Cl Ba La Au; Trace: Al Ca Ge Br Sr Y Zr Nb Ag Sb.	Reportable: Cu Sn Ba La Au; Controlled: Ni.
GR2258-07	25-046 Motorola, Smart phone, Model XT2527, White cable, Black plastic parts			0.002		PP	Other: Al Si P S Cl K Ca Fe Ni Cu; Trace: Ti Mn Zn Zr Sn.	Reportable: Al Fe Cu Si P; Controlled: Ni.
GR2259-00	25-046 Motorola, Smart phone, Model XT2527, White glue strip		0.001			PET 80% Acrylic 20%	Other: Al Si P S Cl K Ca Ti Fe Ni; Trace: Mn Cu Zn Sb Hf.	Reportable: Al Fe P;
GR2260-00	25-046 Motorola, Smart phone, Model XT2527, Copper glue strip		0.155			Copper 90% Acrylic 10%	Main: Ni Cu; Other: Al Si P S Cl K Ca Mn Fe Ta; Trace: Ti Cr Ga Zr Nb Sn Sb I Ba Ce.	Reportable: Al Fe Cu P; Controlled: Ni.
GR2261-00	25-046 Motorola, Smart phone, Model XT2527, Blue glue		0.011			Silicone	Main: Si; Other: Al P S Cl K Ca Ti; Trace: V Fe Ni Cu.	Reportable: Al Si P;



Sample No	Description	Photo	Weight Level 1	Weight Level 2	Weight Level 3	Material	Results Main: >1%, Others: 100ppm - 1%, Trace: <100ppm	Motorola W18 rev. V6 Appendix C relevant compounds ¹⁾
GR2262-00	25-046 Motorola, Smart phone, Model XT2527, Volumen button		0.077			PC 70% TPU 20% PMMA 10%	Other: Al Si P S Cl K Ca; Trace: Ti Fe Ni Cu Zn In.	Reportable: Al Si P;
GR2263-00	25-046 Motorola, Smart phone, Model XT2527, Power button		0.038			PC 70% TPU 20% PMMA 10%	Main: Si; Other: Al P S Cl K Ca; Trace: Ti Fe Ni Cu Zn In Ce.	Reportable: Al Si P;
GR2264-00	25-046 Motorola, Smart phone, Model XT2527, Graphite foil		1.727			PET	Other: Al P Ca; Trace: Si S Cl K Fe Ni Cu Ce.	Reportable: Al;

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⁾ Sample tested for BFRs by chromatographic method.

* 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 Material Assay PWB

		Sample GR2239-01	
		Result	Uncertainty
Ag	wt. %	0.060%	0.010%
Al	wt. %	1.657%	0.282%
Au	wt. %	0.054%	0.008%
Ba	wt. %	2.048%	0.307%
Be	wt. %	< 0.001%	
Bi	wt. %	< 0.035%	
Br	wt. %	< 0.01%	
Ca	wt. %	2.262%	0.452%
Cd	wt. %	< 0.001%	
Co	wt. %	0.020%	0.003%
Cr	wt. %	0.224%	0.036%
Cu	wt. %	35.001%	5.950%
Fe	wt. %	4.366%	0.699%
Mg	wt. %	0.076%	0.011%
Mn	wt. %	0.026%	0.004%
Mo	wt. %	0.007%	0.001%
Ni	wt. %	2.515%	0.352%
P	wt. %	0.040%	0.006%
Pb	wt. %	< 0.003%	
Pd	wt. %	< 0.008%	
S	wt. %	0.054%	0.009%
Sb	wt. %	< 0.05%	
Sn	wt. %	3.996%	0.639%
Sr	wt. %	0.077%	0.013%
Ti	wt. %	0.704%	0.127%
Y	wt. %	< 0.01%	
Zn	wt. %	0.060%	0.008%

5 Results EDXRF Scan

Results x,y Scan Sample GR2224-10 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2224-11 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2226-00 Top

	
Bromine	
Not detected	
Lead	
Not detected	

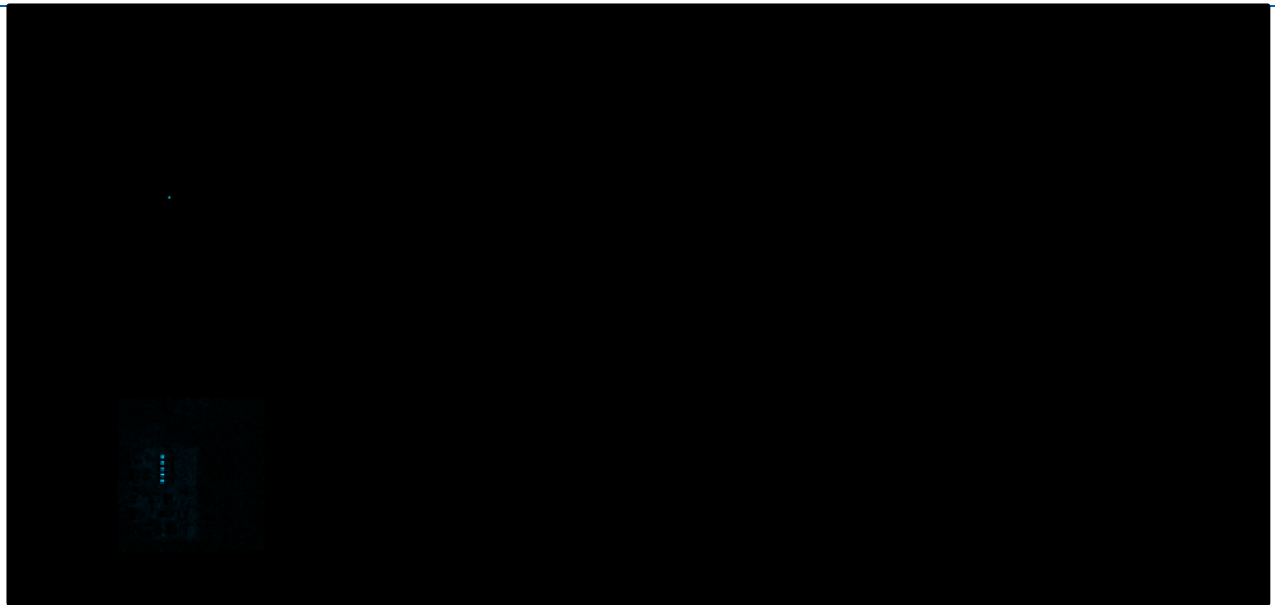
Results x,y Scan Sample GR2227-01 Top



Bromine

Not detected

Lead



Results x,y Scan Sample GR2231-01 Top

	
Bromine	
Not detected	
Lead	
Not detected	

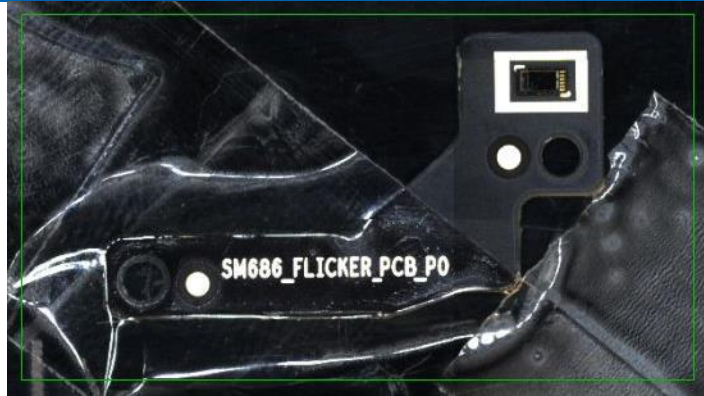
Results x,y Scan Sample GR2232-01 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2233-01 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2238-00 Top



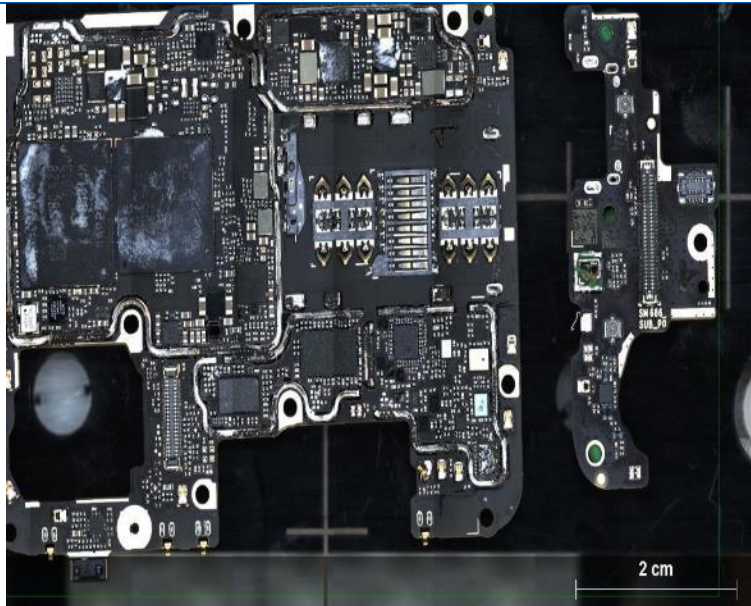
Bromine

Not detected

Lead

Not detected

Results x,y Scan Sample GR2239-01 Top



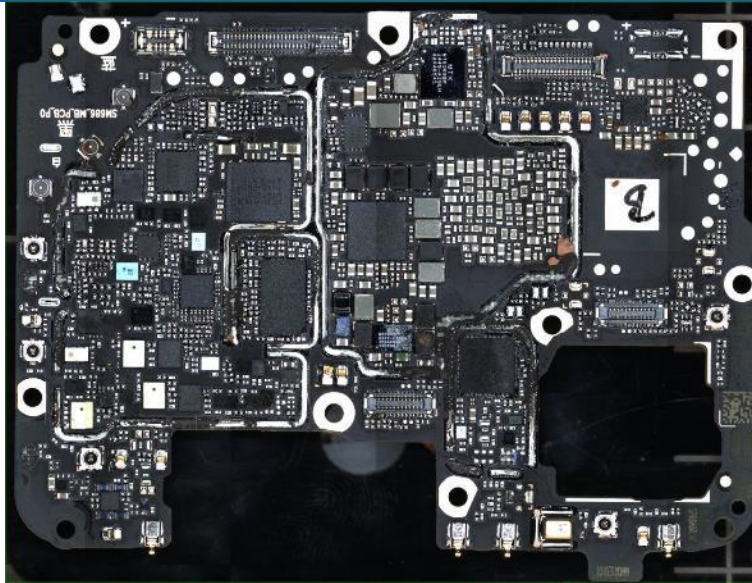
Bromine

Not detected

Lead



Results x,y Scan Sample GR2239-01 Bottom



Bromine

Not detected

Lead



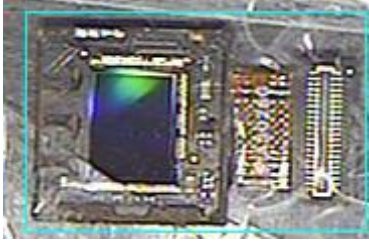
Results x,y Scan Sample GR2248-00 Top

	
Bromine	
Not detected	
Lead	
Not detected	

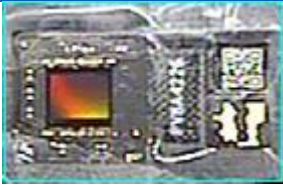
Results x,y Scan Sample GR2249-00

	
Bromine	
Not detected	Not detected
Lead	
Not detected	Not detected

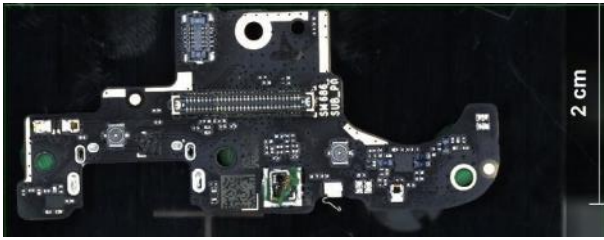
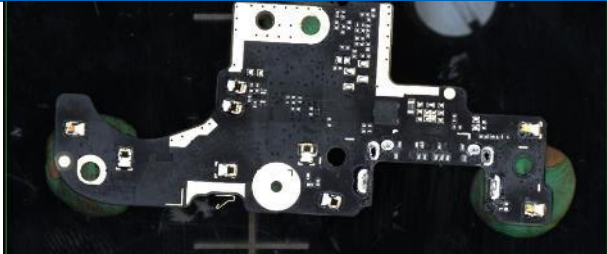
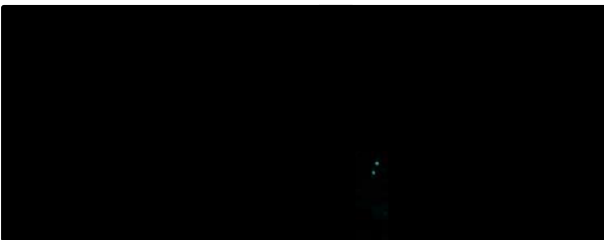
Results x,y Scan Sample GR2250-01 Top

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2251-01

	
Bromine	
Not detected	Not detected
Lead	
Not detected	Not detected

Results x,y Scan Sample GR2253-01

			
Bromine			
Not detected		Not detected	
Lead			
			

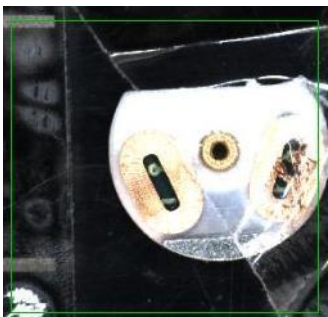
Results x,y Scan Sample GR2256-12 T

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2256-13 T

	
Bromine	
Not detected	
Lead	
Not detected	

Results x,y Scan Sample GR2257-03

	
Bromine	
Not detected	Not detected
Lead	
Not detected	Not detected

Results x,y Scan Sample GR2257-07 T

	
Bromine	
Not detected	
Lead	
Not detected	



6 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 21st, 2025, Annex XIV List dated April 08th, 2022 and Annex XVII List dated November 12th, 2024.

Samples summarized in Chapter 9 were selected based on a risk assessment. The samples were investigated for selected organic parameters as listed in Chapters 6.2 and 6.3. 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 6.2. and 6.3. For the speciation of these substances, further testing could be required.

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

The following substances were detected in the samples.

Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1371	4-tert-butylphenol	-	-	0.006	0.002	N
		4-methyl-m-phenylenediamine (toluene-2,4-diamine)	-	-	0.002	<0.001	N
		Triphenyl phosphate	-	-	0.004	0.001	N
	GT1372	-	-	-			
	GT1373	-	-	-			
	GT1374	1,3-Propansultone	-	1,3-Propansultone (Entry 28)	0.036	<0.001	N
	GT1375	-	-	-			
	GT1376	-	-	-			

Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1377	4-tert-Amylphenol	-	-	0.010	<0.001	N
		Triphenyl phosphate	-	-	0.009	<0.001	N
		Octamethylcyclotetrasiloxane (D4)	-	Octamethylcyclotetrasiloxane (D4) Entry 70	0.0007	<0.001	N
		2-Methoxyethanol	-	-	<0.001	<0.001	N
	GT1378	-	-	-			
	GT1379	-	-	-			
	GT1380	-	-	Toluene (Entry 48)	<0.001	0.001	NA
		-	-	Benzene, 2,4-diisocyanato-1-methyl-, Benzene, 1,3-diisocyanato-2-methyl-Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.007	0.007	NA
	GT1381	Triphenyl phosphate	-	-	0.009	0.008	N

Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1381	-	-	Benzene, 2,4-diisocyanato-1-methyl-, Benzene, 1,3-diisocyanato-2-methyl-, Benzene, 1,1'-methylenebis[4-isocyanato-Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.018	0.016	NA
	GT1382	4-tert-Amylphenol	-	-	0.007	0.007	N
		Dodecamethylcyclohexasiloxane (D6)	-	-	0.001	0.001	N
		-	-	Hexane, 1,6-diisocyanato-, Benzene, 1,1'-methylenebis[4-isocyanato-Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.019	0.019	NA
	GT1383	Dodecamethylcyclohexasiloxane (D6)	-	-	<0.001	<0.001	N
	GT1384	4-tert-butylphenol	-	-	0.010	0.004	N
		4-tert-Amylphenol	-	-	0.003	0.001	N

Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1384	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.004	0.002	N
		Triphenyl phosphate	-	-	0.005	0.002	N
	GT1385	4-tert-Amylphenol	-	-	0.007	0.001	N
		Triphenyl phosphate	-	-	0.048	0.007	N
		Bis (2-ethylhexyl) phthalate (DEHP)	Bis (2-ethylhexyl) phthalate (DEHP)	Bis (2-ethylhexyl) phthalate (DEHP) (Entry 30, 51)	0.006	0.001	N
		-	-	Toluene (Entry 48)	<0.001	0.001	NA
		-	-	Benzene, 1,1'-methylenebis[4-isocyanato-Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.002	<0.001	NA
	GT1386	Dodecamethylcyclohexasiloxane (D6)	-	-	<0.001	<0.001	N
	GT1387	4-tert-butylphenol	-	-	0.010	0.003	N



Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1387	Triphenyl phosphate	-	-	0.004	0.001	N
	GT1388	4-tert-butylphenol	-	-	0.010	0.002	N
	GT1389	-	-	-			
	GT1390	-	-	-			
	GT1391	-	-	Benzene, 2,4-diisocyanato-1-methyl-, Benzene, 1,3-diisocyanato-2-methyl-Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.004	0.004	NA
	GT1392	4-tert-Amylphenol	-	-	0.005	<0.001	N
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.007	<0.001	N
	GT1393	4-tert-butylphenol	-	-	0.004	0.002	N
		4-tert-Amylphenol	-	-	0.004	0.003	N



Article	Sample Number	REACH SVHC Substance Detected	REACH Annex XIV Substance Detected	REACH Annex XVII Substance Detected*	Substance Concentration in Fraction (% w/w) ¹⁾	Substance concentration in article (% w/w) ²⁾	SVHC > 0.1% Reporting required? ²⁾ (Y/N/ Risk)
Smart phone, Model XT2527	GT1393	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.005	0.003	N
	GT1394	4-tert-Amylphenol	-	-	0.004	0.003	N
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.005	0.003	N
	GT1395	4-tert-butylphenol	-	-	0.003	<0.001	N
		4-tert-Amylphenol	-	-	0.003	<0.001	N
		2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	-	-	0.006	<0.001	N
		-	-	Benzene, 2,4-diisocyanato-1-methyl-, Isophorone diisocyanate, Diisocyanates, O = C=N-R-N = C=O, with R an aliphatic or aromatic hydrocarbon unit of unspecified length (Entry 74)	0.003	<0.001	NA

¹⁾ For the composition of fractions please refer to Chapter 9. Please note, that for the composition of fractions only samples with a certain minimum weight can be used properly. The minimum weight is 0.02g for soft materials and 0.01g for hard materials. Materials which are consumed completely during previous analyses can not be considered as well.

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

NA: Not applicable

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

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6.2 List of SVHC and Annex XIV substances

Perfluamine ¹⁾	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives ¹⁾
O,O,O-triphenyl phosphorothioate	Octamethyltrisiloxane
Triphenyl phosphate	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid ¹⁾
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol ¹⁾	Bis(α,α-dimethylbenzyl) peroxide 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)
N-(hydroxymethyl)acrylamide ¹⁾	1,1'-[ethane-1,2-diylbis(oxy)]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)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)
Bis(2-(2-methoxyethoxy)ethyl) ether	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety 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 $\geq 0.1\%$ 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" TM)	Benz[a]anthracene
Cadmium carbonate ²⁾	Cadmium hydroxide ²⁾
Cadmium nitrate ²⁾	Chrysene
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) ^{1)*}	Perfluorohexane-1-sulphonic acid and its salts
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-	Dihexyl phthalate*

aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) ¹⁾	
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
Henicosafuoroundecanoic acid	Heptacosafuorotetradecanoic 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
Pentacosafuorotridecanoic acid	Orange lead (lead tetroxide) ²⁾
Pyrochlore, antimony lead yellow ²⁾	Pentalead tetraoxide sulphate ²⁾
Silicic acid, lead salt ²⁾	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped ²⁾
Tetraethyllead ^{2)*}	Sulfurous acid, lead salt, dibasic ²⁾
Tricosafuorododecanoic acid	Tetralead trioxide sulphate ²⁾



Trilead dioxide phosphonate ²⁾	Trilead bis(carbonate) dihydroxide ²⁾
1,2-dimethoxyethane,ethylene glycol dimethyl ether (EGDME)	1,2-bis(2-methoxyethoxy)ethane (TEGDME,triglyme)
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol ^{1)*}
[4-[[4-anilino-1-naphthyl]][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) ¹⁾	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) ¹⁾
Formamide ¹⁾	Diboron trioxide ¹⁾
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	Lead(II) bis(methanesulfonate) ²⁾
1,2-dichloroethane*	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) ¹⁾
2-Methoxyaniline, o-Anisidine	2,2'-dichloro-4,4'-methylenedianiline*
Aluminosilicate Refractory Ceramic Fibres ⁵⁾	4-(1,1,3,3-tetramethylbutyl)phenol
Bis(2-methoxyethyl) ether*	Arsenic acid ^{2)*}
Calcium arsenate ²⁾	Bis(2-methoxyethyl) phthalate*
Formaldehyde, oligomeric reaction products with aniline*	Dichromium tris(chromate) ^{2,3)*}
Lead dipicrate ²⁾	Lead diazide, Lead azide ²⁾
N,N-dimethylacetamide	Lead styphnate ²⁾
Phenolphthalein 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")

6.3 List of REACH Annex XVII substances

79. Undecafluorohexanoic acid (PFHxA), its salts and related substances ¹⁰⁾	
77. Formaldehyde and formaldehyde releasers ¹⁾	78. Synthetic polymer microparticles ²⁾
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); heneicosfluoroundecanoic acid (PFUnDA); tricosfluorododecanoic acid (PFDoDA); pentacosfluorotridecanoic acid (PFTrDA); heptacosfluorotetradecanoic acid (PFTDA); including their salts and precursors ¹⁰⁾
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 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)	51. (a) Bis (2-ethylhexyl) phthalate (DEHP) ²⁾ (b) Dibutyl phthalate (DBP) ²⁾ (c) Benzyl butyl phthalate (BBP) ²⁾
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(e) Benzo[b]fluoranthene (BbFA) (f) Benzo[j]fluoranthene (BjFA) (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 its 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 ₈ H ₁₉ BO ₃ Sn (DBB) ³⁾
18a. Mercury ^{2) 3)}	19. Arsenic compounds ^{2) 3)}
17. Lead sulphates ³⁾ : (a) PbSO ₄ (b) Pb _x SO 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 its salts ⁷⁾	14. 4-Nitrobiphenyl
11. Volatile esters of bromoacetic acids ²⁾ : (a) Methyl bromoacetate	12. 2-Naphthylamine and its salts ⁷⁾

(b) Ethyl bromoacetate (c) Propyl bromoacetate (d) Butyl bromoacetate	
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)phosphin oxide ^{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. Depending on the actual nature of the compound there is a risk of REACH Annex XVII non compliance.

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

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

⁶⁾ Applies to textile articles

⁷⁾ Selected substances were evaluated as representatives

⁸⁾ See Chapter " Global Compliance Acceptance Criteria (banned and controlled Substances)"

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

¹⁰⁾ Related- and precursor substances are only tested on request

7 Test Results PAH

PAK / PAH	GT1371	GT1372	GT1373
Benz[a]anthracene (mg/kg)	ND	ND	ND
Chrysene (mg/kg)	ND	ND	ND
Benzo[b]fluoranthene (mg/kg)	ND	ND	ND
Benzo[k]fluoranthene (mg/kg)	ND	ND	ND
Benzo[j]fluoranthene (mg/kg)	ND	ND	ND
Benzo[e]pyrene (mg/kg)	ND	ND	ND
Benzo[a]pyrene (mg/kg)	ND	ND	ND
Dibenz[a,h]anthracene (mg/kg)	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 50	Pass	Pass	Pass

ND: Not detected

Limit of Detection for all substances 0.5 mg/kg

8 Test Results PFAS acc. to REACH Annex XVII Entry 68 and 79

PFAS	GR2210-01	GR2210-02	GR2221-01	GR2221-05	GR2258-01	GR2258-02
PFHxA (µg/kg)	ND	ND	ND	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 79	Pass	Pass	Pass	Pass	Pass	Pass
PFOA (µg/kg)	ND	ND	ND	ND	ND	ND
PFNA (µg/kg)	ND	ND	ND	ND	ND	ND
PFDA (µg/kg)	ND	ND	ND	ND	ND	ND
PFUA (µg/kg)	ND	ND	ND	ND	ND	ND
PFDoA (µg/kg)	ND	ND	ND	ND	ND	ND
PFTriA (µg/kg)	ND	ND	ND	ND	ND	ND
PFTetraA (µg/kg)	ND	ND	ND	ND	ND	ND
Sum C9-C14 (µg/kg)	-	-	-	-	-	-
1907/2006/EC REACH Annex XVII Entry 68	Pass	Pass	Pass	Pass	Pass	Pass

PFAS	GR2208-02	GR2218-00	GR2220-00
PFHxA (µg/kg)	ND	ND	ND
1907/2006/EC REACH Annex XVII Entry 79	Pass	Pass	Pass
PFOA (µg/kg)	ND	ND	ND
PFNA (µg/kg)	ND	ND	ND
PFDA (µg/kg)	ND	ND	ND
PFUA (µg/kg)	ND	ND	ND
PFDoA (µg/kg)	ND	ND	ND
PFTriA (µg/kg)	ND	ND	ND
PFTetraA (µg/kg)	ND	ND	ND
Sum C9-C14 (µg/kg)	-	-	-
1907/2006/EC REACH Annex XVII Entry 68	Pass	Pass	Pass

ND: Not detected

Limit of Quantification for all substances: 5 µg/kg.

9 Composition of fraction samples

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Model XT2527	46.75	13.26	GT1371	GR2208-01	25-046 Motorola, Smart phone, Model XT2527, Backside cover	19.59%	9.157
				GR2240-02	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Plastic frame	8.78%	4.107

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Backside cover	11.25	2.04	GT1372	GR2208-02	25-046 Motorola, Smart phone, Model XT2527, Backside cover, Soft plastic cover	18.09%	2.035

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
SIM Card holder	0.42	0.18	GT1373	GR2252-01	25-046 Motorola, Smart phone, Model XT2527, SIM Card holder, Black plastic part	41.57%	0.175



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben- gewicht [g]/ Sample weight [g]
Battery	65.29	0.48	GT1374	GR2209-02	25-046 Motorola, Smart phone, Model XT2527, Battery, Green glue strips	0.54%	0.352
				GR2209-03	25-046 Motorola, Smart phone, Model XT2527, Battery, Blue glue strips	0.09%	0.058
				GR2209-11	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 2	0.11%	0.070

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben- gewicht [g]/ Sample weight [g]
Battery	65.29	4.14	GT1375	GR2209-08	25-046 Motorola, Smart phone, Model XT2527, Battery, White foil	6.34%	4.141

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben- gewicht [g]/ Sample weight [g]
Battery	65.29	44.50	GT1376	GR2209-09	25-046 Motorola, Smart phone, Model XT2527, Battery, Carbon coating	68.17%	44.505



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Battery	65.29	0.12	GT1377	GR2209-10	25-046 Motorola, Smart phone, Model XT2527, Battery, Black glue strip 1	0.06%	0.037
				GR2209-13	25-046 Motorola, Smart phone, Model XT2527, Battery, Black shock pad 1	0.07%	0.044
				GR2209-16	25-046 Motorola, Smart phone, Model XT2527, Battery, Black shock pad 2	0.06%	0.040

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Black cable	0.24	0.08	GT1378	GR2210-01	25-046 Motorola, Smart phone, Model XT2527, Black cable, Black outer cable jacket	23.05%	0.056
				GR2210-02	25-046 Motorola, Smart phone, Model XT2527, Black cable, White inner cable jacket	11.52%	0.028

Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben-gewicht [g]/ Sample weight [g]
Model XT2527	0.92	0.85	GT1379	GR2212-01	25-046 Motorola, Smart phone, Model XT2527, Black glue 1	15.28%	0.141
				GR2212-08	25-046 Motorola, Smart phone, Model XT2527, Black glue 8	56.66%	0.523
				GR2212-13	25-046 Motorola, Smart phone, Model XT2527, Black glue 13	20.15%	0.186



Artikel / Article	Gesamtgewicht Artikel [g] / Total Weight article [g]	Fraktionsgewicht [g]/ Fraction weight [g]	Fraktionsprobennr./ Fraction Sample No.	Ursprüngliche Probennr./ Initial Sample No.	Beschreibung / Description	Relatives Gewicht im Artikel/ Relative Weight in Article	Proben- gewicht [g]/ Sample weight [g]
Model XT2527	1.86	1.85	GT1380	GR2213-02	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 2	5.55%	0.103
				GR2213-04	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 4	43.40%	0.805
				GR2213-07	25-046 Motorola, Smart phone, Model XT2527, Black glue strip 7	50.67%	0.940

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Model XT2527	1.28	1.12	GT1381	GR2219-01	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 1	74.22%	0.953
				GR2219-10	25-046 Motorola, Smart phone, Model XT2527, Black shock pad 10	13.01%	0.167

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Model XT2527	0.17	0.17	GT1382	GR2220-00	25-046 Motorola, Smart phone, Model XT2527, Black soft plastic pad	54.02%	0.094
				GR2218-00	25-046 Motorola, Smart phone, Model XT2527, Black sealing	45.98%	0.080



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Blue cable	0.19	0.09	GT1383	GR2221-01	25-046 Motorola, Smart phone, Model XT2527, Blue cable, Blue outer cable jacket	23.24%	0.043
				GR2221-05	25-046 Motorola, Smart phone, Model XT2527, Blue cable, White inner cable jacket	23.24%	0.043

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Model XT2527	4.02	1.70	GT1384	GR2223-01	25-046 Motorola, Smart phone, Model XT2527, Bottom plastic cover	16.64%	0.668
				GR2224-01	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Black plastic housing	20.37%	0.818
				GR2224-04	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Black plastic frame	2.69%	0.108
				GR2233-02	25-046 Motorola, Smart phone, Model XT2527, Front camera, Black plastic housing	2.57%	0.103



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Display flex	1.37	0.19	GT1385	GR2227-02	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 1	5.42%	0.074
				GR2227-03	25-046 Motorola, Smart phone, Model XT2527, Display flex, Metallic glue strip 2	5.27%	0.072
				GR2246-02	25-046 Motorola, Smart phone, Model XT2527, Metallic shock pads 2	3.08%	0.042

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Main PWB	15.56	0.13	GT1386	GR2239-05	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Black glue strip	0.66%	0.103
				GR2239-11	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Black soft plastic part	0.14%	0.022



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Metal housing	48.03	13.06	GT1387	GR2240-03	25-046 Motorola, Smart phone, Model XT2527, Metal housing, Black plastic part	10.61%	5.098
				GR2255-00	25-046 Motorola, Smart phone, Model XT2527, Top plastic cover	7.93%	3.807
				GR2214-00	25-046 Motorola, Smart phone, Model XT2527, Black plastic frame	4.27%	2.051
				GR2228-01	25-046 Motorola, Smart phone, Model XT2527, Display foil	4.39%	2.107

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Rear camera 1	1.58	0.34	GT1388	GR2250-10	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic lens holder	8.46%	0.134
				GR2250-15	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Black plastic frame 3	6.19%	0.098
				GR2250-19	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Plastic lenses	6.94%	0.110



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Model XT2527	15.98	0.88	GT1389	GR2254-00	25-046 Motorola, Smart phone, Model XT2527, Thermal paste 1+2	2.65%	0.423
				GR2239-07	25-046 Motorola, Smart phone, Model XT2527, Main PWB, Thermal paste	2.87%	0.459

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White cable	0.18	0.08	GT1390	GR2258-01	25-046 Motorola, Smart phone, Model XT2527, White cable, White outer cable jacket	23.73%	0.042
				GR2258-02	25-046 Motorola, Smart phone, Model XT2527, White cable, White inner cable jacket	23.73%	0.042

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Model XT2527	1.77	1.77	GT1391	GR2264-00	25-046 Motorola, Smart phone, Model XT2527, Graphite foil	97.63%	1.727
				GR2244-00	25-046 Motorola, Smart phone, Model XT2527, Metallic foil, Graphite foil	2.37%	0.042



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Battery	69.65	3.41	GT1392	GR2209-17	25-046 Motorola, Smart phone, Model XT2527, Battery, Flexgrid	1.21%	0.842
				GR2226-00	25-046 Motorola, Smart phone, Model XT2527, Connection flex	1.14%	0.792
				GR2247-00	25-046 Motorola, Smart phone, Model XT2527, NFC flex	0.76%	0.527
				GR2250-01	25-046 Motorola, Smart phone, Model XT2527, Rear camera 1, Flex	0.61%	0.423
				GR2253-01	25-046 Motorola, Smart phone, Model XT2527, SUB PWB	1.18%	0.825

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Model XT2527	16.84	10.67	GT1393	GR2227-01	25-046 Motorola, Smart phone, Model XT2527, Display flex	6.61%	1.113
				GR2239-01	25-046 Motorola, Smart phone, Model XT2527, Main PWB	56.76%	9.560



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Model XT2527	1.82	1.11	GT1394	GR2231-01	25-046 Motorola, Smart phone, Model XT2527, Fingerprint sensor	8.26%	0.150
				GR2232-01	25-046 Motorola, Smart phone, Model XT2527, Flashlight PWB	13.43%	0.244
				GR2238-00	25-046 Motorola, Smart phone, Model XT2527, Light sensor	13.70%	0.249
				GR2248-00	25-046 Motorola, Smart phone, Model XT2527, Power/Volume button flex	11.83%	0.215
				GR2257-03	25-046 Motorola, Smart phone, Model XT2527, Vibra cell, PWB	13.59%	0.247

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Front camera	4.76	0.35	GT1395	GR2233-01	25-046 Motorola, Smart phone, Model XT2527, Front camera, Flex	2.54%	0.121
				GR2249-00	25-046 Motorola, Smart phone, Model XT2527, PWB	1.20%	0.057
				GR2251-01	25-046 Motorola, Smart phone, Model XT2527, Rear camera 2, Flex	2.84%	0.135
				GR2224-10	25-046 Motorola, Smart phone, Model XT2527, Bottom speaker, Flex 1	0.27%	0.013
				GR2256-12	25-046 Motorola, Smart phone, Model XT2527, Top speaker, Flex 1	0.42%	0.020

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