Preliminary Report (SVHC)

Client Name: QINGDAO MICROSENSE INTELLIGENT TECHNOLOGY CO.,LTD.

Client Address: ROOM 803, FLOOR 8, BUILDING F, INNOVATION PARK II, NO. 1, KEYUAN WEI 1ST ROAD, LAOSHAN DISTRICT, QINGDAO, SHANDONG,CHINA

Sample Name: 3D TOF CAMERA

Tested Basic Model No.: NYX650

Tested Extended Model No.: NYX660/DS86/DS87

The above sample(s) and information were provided by the client.

SGS Job No.: QDP24-005656

Sample Receiving Date: Nov 26, 2024

Testing Period: Nov 26, 2024 ~ Mar 03, 2025

Test Requested: As requested by client, SVHC in Candidate List screening is performed according to:
(i) Two hundred and forty two (242) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Nov 07, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.
As requested by client, Potential SVHC screening is performed according to:
(i) Six (6) substances in the Public Consultation List of potential Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) on and before Aug 30, 2024 regarding Regulation (EC) No 1907/2006 concerning the REACH.
(ii) One (1) potential Substances of Very High Concern (SVHC) in the Identification ongoing.
(iii) Six (6) potential Substances of Very High Concern (SVHC) in the Intention List published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Summary:

Signed for and on behalf of
SGS [illegible] Standards Technical Services (Qingdao) Co., Ltd.

Alice Sun
Approved Signatory

According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the results of 242 SVHC in the Candidate List are > 0.1% (w/w) in the articles of the submitted sample. See Test Result ID 005,005 - B14,006 - B21,007 - A18,007 - A19,007 - A27,007 - A28,007 - A29,007 - B15,007 - B5,008 - A37,008 - A38,008 - A41,008 - A55,008 - A59,008 - B26,008 - B27,008 - B33.	See remark 2 for obligation under REACH
According to the ruling of the Court of Justice of the European Union on the definition of an article under REACH, and the specified scope and evaluation screening, the results of 13 Potential SVHC are > 0.1% (w/w) in the articles of the submitted sample. See Test Result ID 005.	See result

The test results of SVHC over Limit in the articles of the submitted sample summary

Test Result ID	Batch	Description	Substance Name	CAS No.	Concentration (%)
005	VIII	Composite material Group (confirmation test)	Dioxobis(stearato)trilead*	12578-12-0	4.708
005	VIII	Composite material Group (confirmation test)	Fatty acids, C16-18, lead salts*	91031-62-8	8.881
005	VIII	Composite material Group (confirmation test)	Lead bis(tetrafluoroborate)*	13814-96-5	4.407
005	VIII	Composite material Group (confirmation test)	Lead cyanamidate*	20837-86-9	2.884
005	VIII	Composite material Group (confirmation test)	Lead dinitrate*	10099-74-8	3.833
005	VIII	Composite material Group (confirmation test)	Lead monoxide*	1317-36-8	2.583
005	VIII	Composite material Group (confirmation test)	Lead oxide sulfate*	12036-76-9	3.047
005	VIII	Composite material Group (confirmation test)	Lead tetroxide (orange lead)*	1314-41-6	2.645
005	VIII	Composite material Group (confirmation test)	Lead titanium trioxide*	12060-00-3	3.508
005	VIII	Composite material Group (confirmation test)	Lead titanium zirconium oxide*	12626-81-2	0.998
005	VIII	Composite material Group (confirmation test)	Pentalead tetraoxide sulphate*	12065-90-6	2.768
005	VIII	Composite material Group (confirmation test)	Silicic acid, lead salt*	11120-22-2	3.279
005	VIII	Composite material Group (confirmation test)	Sulfurous acid, lead salt, dibasic*	62229-08-7	3.058
005	VIII	Composite material Group (confirmation test)	Tetralead trioxide sulphate*	12202-17-4	2.815
005	VIII	Composite material Group (confirmation test)	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	2.993

Test Result ID	Batch	Description	Substance Name	CAS No.	Concentration (%)
005	VIII	Composite material Group (confirmation test)	Trilead dioxide phosphonate*	12141-20-7	2.830
005	VIII	Composite material Group (confirmation test)	[Phthalato(2-)]dioxotrilead*	69011-06-9	3.154
005	X	Composite material Group (confirmation test)	Lead di(acetate)*	301-04-2	3.765
005	/	Composite material Group (confirmation test)	Barium chromate*	10294-40-3	0.741
005 - B14	XIX	Black body	Lead	7439-92-1	2.443
006 - B21	XIX	Black body	Lead	7439-92-1	1.843
007 - A18	XIX	Black body	Lead	7439-92-1	0.108
007 - A19	XIX	Black body	Lead	7439-92-1	2.079
007 - A27	XIX	Black body	Lead	7439-92-1	1.361
007 - A28	XIX	Black body	Lead	7439-92-1	1.113
007 - A29	XIX	Black body	Lead	7439-92-1	2.724
007 - B15	XIX	Black body	Lead	7439-92-1	1.650
007 - B5	XIX	Black body	Lead	7439-92-1	0.923
008 - A37	XIX	Silvery metal	Lead	7439-92-1	2.765
008 - A38	XIX	Silvery metal(nut)	Lead	7439-92-1	2.483
008 - A41	XIX	Yellow metal	Lead	7439-92-1	3.595
008 - A55	XIX	Silvery metal	Lead	7439-92-1	2.747
008 - A59	XIX	Yellow metal	Lead	7439-92-1	2.916
008 - B26	XIX	Silvery metal	Lead	7439-92-1	3.328
008 - B27	XIX	Silvery metal(nut)	Lead	7439-92-1	3.162
008 - B33	XIX	Yellow metal	Lead	7439-92-1	3.910

Remark :

1. The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:
   http://echa.europa.eu/web/guest/candidate-list-table
   These lists are under evaluation by ECHA and may subject to change in the future.
2. REACH obligation:
   2.1 Concerning article(s):
   Communication:
   Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

   Notification:
   In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

   Companies supplying articles containing substances of very high concern (SVHCs) on the Candidate List in a concentration above 0.1% weight by weight (w/w) on the EU market must comply with the Waste Framework Directive 2008/98/EC requirement and submit SCIP notifications on these articles to ECHA, as from 5 January 2021.

   2.2 Concerning material(s):
   Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

   If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

   2.3 Concerning substance and preparation:
   If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and its amendments, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006, in which:
   - a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
   - a mixture that is classified as hazardous under the CLP Regulation (EC) No 1272/2008, when it contains a substance with concentration equal to, or greater than the classification limit as set in Regulation (EC) No. 1272/2008; or
   - a mixture is not classified as hazardous under the CLP Regulation (EC) No 1272/2008, but contains either:

(a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
(b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
(c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
(d) a substance for which there are Europe-wide workplace exposure limits

3. If a SVHC is found over the reporting limit, client is suggested to identify the composite component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample:

Photo of Submitted Sample

NYX650

TAO24-0093588

NYX660

TAO24-0093588

DS86

TAO24-0093588

DS87

TAO24-0093588

SGS authenticate the photo on original report only

Sample Description:

Test Part ID	Material Description	Test Part ID	Material Description
A1	Black surfaced metal	A2	Blue plastic

Test Part ID	Material Description	Test Part ID	Material Description
A3	Black surfaced metal	A4	Transparent plastic
A5	Black rubber	A6	White plastic(label)
A7	Grey surfaced metal	A8	Gray solid
A9	Black rubber	A10	Silvery metal(screw)
A11	Black body	A12	Gray solid
A13	Black rubber	A14	Black body
A15	Black PCB	A16	Black FPC
A17	Black body	A18	Black body
A19	Black body	A20	Black body
A21	Black body	A22	Black body
A23	Black body	A24	Black body
A25	Black PCB	A26	Silvery metal
A27	Black body	A28	Black body
A29	Black body	A30	Black PCB
A31	Black plastic	A32	Dark gray plastic
A33	Black PCB	A34	Black PCB
A35	Dark gray plastic	A36	Black plastic(pyrocondensation tube)
A37	Silvery metal	A38	Silvery metal(nut)
A39	Red plastic(jacket)	A40	Black plastic(jacket)
A41	Yellow metal	A42	Black plastic
A43	Transparent plastic	A44	Black plastic(jacket)
A45	Copper-colored metal(inner core)	A46	White/brown plastic(jacket)
A47	Brown plastic(jacket)	A48	Green plastic(jacket)
A49	White/green plastic(jacket)	A50	Orange plastic(jacket)
A51	White/orange plastic(jacket)	A52	White/blue plastic(jacket)
A53	Blue plastic(jacket)	A54	Black plastic(pyrocondensation tube)
A55	Silvery metal	A56	Black plastic
A57	Black plastic(jacket)	A58	White plastic(label)
A59	Yellow metal	A60	Black plastic(pyrocondensation tube)
A61	Black plastic(jacket)	A62	Black plastic(jacket)
A63	Blue plastic(jacket)	A64	Yellow plastic(jacket)
A65	Pink plastic(jacket)	A66	White plastic(jacket)
A67	Brown plastic(jacket)	A68	Green plastic(jacket)
A69	Silvery metal	A70	Silvery solid
A71	White paper	A72	Black foam
A73	White adhesive	A74	Silvery metal
A75	Black plastic(jacket)	A76	White plastic(label)
A77	Brown paper	B1	Black PCB
B2	Black body	B3	Black body
B4	Black body	B5	Black body
B6	Red adhesive	B7	Silvery capacitor
B8	Black body	B9	Black body
B10	Black body	B11	Yellow plastic(adhesive tape)
B12	Black magnet	B13	Black PCB

Test Part ID	Material Description	Test Part ID	Material Description
B14	Black body	B15	Black body
B16	Black body	B17	Black body
B18	Black body	B19	Black body
B20	Black body	B21	Black body
B22	Gray solid	B23	Black PCB
B24	Black body	B25	Dark gray plastic
B26	Silvery metal	B27	Silvery metal(nut)
B28	Black rubber	B29	Black plastic(pyrocondensation tube)
B30	Black plastic	B31	Black rubber
B32	Silvery metal	B33	Yellow metal
B34	Black plastic(jacket)	B35	Black plastic
B36	Silvery metal	B37	Transparent plastic
B38	Silvery metal	B39	Silvery metal
B40	White plastic	B41	White plastic
B42	Silvery metal	B43	Transparent plastic
B44	Silvery solid	B45	Orange plastic(jacket)
B46	White/orange plastic(jacket)	B47	Green plastic(jacket)
B48	White/green plastic(jacket)	B49	Copper-colored metal(inner core)
B50	White/blue plastic(jacket)	B51	Blue plastic(jacket)
B52	White/brown plastic(jacket)	B53	Brown plastic(jacket)
C1	Red surfaced metal	D1	Red surfaced metal
E1	White plastic(lable) (TAO24-0093588-0001.C006 improved sample submitted by 2025-02-24)	-	-

Testing Group:

Test Result ID	Description	Test Part ID	SGS Sample ID
001	Nonmetal Group (confirmation test)	A5+A9+A13+A42+A44+A46+A47+A48+A49+A50+A51+A52+A53+A56+A57+A61+A62+A63+A64+A65	TAO24-0093588-0005
002	Nonmetal Group	A2+A4+A31+A32+A35+A66+A67+A68+A72+B6+B34+B35+B45+B46+B47+B48+B50+B51+B52+B53	TAO24-0093588-0006
003	Composite material Group	A1+A3+A7+A43+A70+B25+B30+B37+B	TAO24-0093588-0007

Test Result ID	Description	Test Part ID	SGS Sample ID
		40+B41+B43+B44+C1+D1	
004	Nonmetal Group (confirmation test)	A6+A36+A39+A40+A54+A58+A60+A75+A76+B11+B28+B29+B31	TAO24-0093588-0008
005	Composite material Group (confirmation test)	A8+A11+A12+A15+A16+A25+A30+A33+A34+A71+A73+A77+B1+B3+B7+B12+B13+B14+B22+B23	TAO24-0093588-0009
006	Composite material Group (confirmation test)	B17+B18+B19+B20+B21+B24	TAO24-0093588-0012
007	Composite material Group (confirmation test)	A14+A17+A18+A19+A20+A21+A22+A23+A24+A27+A28+A29+B2+B4+B5+B8+B9+B10+B15+B16	TAO24-0093588-0013
008	Metal Group (confirmation test)	A10+A26+A37+A38+A41+A45+A55+A59+A69+A74+B26+B27+B32+B33+B36+B38+B39+B42+B49	TAO24-0093588-0014
009	White plastic(lable) (TAO24-0093588-0001.C006 improved sample submitted by 2025-02-24)	E1	TAO24-0093588-0033.C001

Confirmation Sample:

Test Result ID	Description	Test Part ID	SGS Sample ID
001 - A49+A50+A51+A52+A53	White/green plastic(jacket) + Orange plastic(jacket) + White/orange plastic(jacket) + White/blue plastic(jacket) + Blue plastic(jacket)	A49+A50+A51+A52+A53	TAO24-0093588-0016
001 - A46+A47+A48+A56+A57	White/brown plastic(jacket) + Brown plastic(jacket) + Green plastic(jacket) + Black plastic + Black plastic(jacket)	A46+A47+A48+A56+A57	TAO24-0093588-0017

Test Result ID	Description	Test Part ID	SGS Sample ID
001 - A61+A62+A63+A64+A65	Black plastic(jacket) + Black plastic(jacket) + Blue plastic(jacket) + Yellow plastic(jacket) + Pink plastic(jacket)	A61+A62+A63+A64+A65	TAO24-0093588-0018
001 - A5	Black rubber	A5	TAO24-0093588-0001.C005
001 - A9	Black rubber	A9	TAO24-0093588-0001.C009
001 - A13	Black rubber	A13	TAO24-0093588-0001.C013
001 - A42	Black plastic	A42	TAO24-0093588-0001.C042
001 - A44	Black plastic(jacket)	A44	TAO24-0093588-0001.C044
004 - A36	Black plastic(pyrocondensation tube)	A36	TAO24-0093588-0001.C036
004 - A39	Red plastic(jacket)	A39	TAO24-0093588-0001.C039
004 - A40	Black plastic(jacket)	A40	TAO24-0093588-0001.C040
004 - A54	Black plastic(pyrocondensation tube)	A54	TAO24-0093588-0001.C054
004 - A58	White plastic(label)	A58	TAO24-0093588-0001.C058
004 - A60	Black plastic(pyrocondensation tube)	A60	TAO24-0093588-0001.C060
004 - A75	Black plastic(jacket)	A75	TAO24-0093588-0001.C075
004 - A76	White plastic(label)	A76	TAO24-0093588-0001.C076
004 - B11	Yellow plastic(adhesive tape)	B11	TAO24-0093588-0002.C011
004 - B28	Black rubber	B28	TAO24-0093588-0002.C028
004 - B29	Black plastic(pyrocondensation tube)	B29	TAO24-0093588-0002.C029
004 - B31	Black rubber	B31	TAO24-0093588-0002.C031
005 - A15+A16+A25+A30	Black PCB + Black FPC + Black PCB + Black PCB	A15+A16+A25+A30	TAO24-0093588-0019
005 - A33+A34+B1+B13+B23	Black PCB + Black PCB + Black PCB + Black PCB + Black PCB	A33+A34+B1+B13+B23	TAO24-0093588-0020
005 - A71+A77	White paper + Brown paper	A71+A77	TAO24-0093588-0021
005 - A73+B7	White adhesive + Silvery capacitor	A73+B7	TAO24-0093588-0031
005 - A8	Gray solid	A8	TAO24-0093588-0001.C008

Test Result ID	Description	Test Part ID	SGS Sample ID
005 - A11	Black body	A11	TAO24-0093588-0001.C011
005 - A12	Gray solid	A12	TAO24-0093588-0001.C012
005 - A15	Black PCB	A15	TAO24-0093588-0001.C015
005 - A16	Black FPC	A16	TAO24-0093588-0001.C016
005 - A25	Black PCB	A25	TAO24-0093588-0001.C025
005 - A30	Black PCB	A30	TAO24-0093588-0001.C030
005 - A33	Black PCB	A33	TAO24-0093588-0001.C033
005 - A34	Black PCB	A34	TAO24-0093588-0001.C034
005 - A73	White adhesive	A73	TAO24-0093588-0001.C073
005 - B1	Black PCB	B1	TAO24-0093588-0002.C001
005 - B3	Black body	B3	TAO24-0093588-0002.C003
005 - B7	Silvery capacitor	B7	TAO24-0093588-0002.C007
005 - B12	Black magnet	B12	TAO24-0093588-0002.C012
005 - B13	Black PCB	B13	TAO24-0093588-0002.C013
005 - B14	Black body	B14	TAO24-0093588-0002.C014
005 - B22	Gray solid	B22	TAO24-0093588-0002.C022
005 - B23	Black PCB	B23	TAO24-0093588-0002.C023
006 - B17	Black body	B17	TAO24-0093588-0002.C017
006 - B18	Black body	B18	TAO24-0093588-0002.C018
006 - B19	Black body	B19	TAO24-0093588-0002.C019
006 - B20	Black body	B20	TAO24-0093588-0002.C020
006 - B21	Black body	B21	TAO24-0093588-0002.C021
006 - B24	Black body	B24	TAO24-0093588-0002.C024
007 - A14	Black body	A14	TAO24-0093588-0001.C014

Test Result ID	Description	Test Part ID	SGS Sample ID
007 - A17	Black body	A17	TAO24-0093588-0001.C017
007 - A18	Black body	A18	TAO24-0093588-0001.C018
007 - A19	Black body	A19	TAO24-0093588-0001.C019
007 - A20	Black body	A20	TAO24-0093588-0001.C020
007 - A21	Black body	A21	TAO24-0093588-0001.C021
007 - A22	Black body	A22	TAO24-0093588-0001.C022
007 - A23	Black body	A23	TAO24-0093588-0001.C023
007 - A24	Black body	A24	TAO24-0093588-0001.C024
007 - A27	Black body	A27	TAO24-0093588-0001.C027
007 - A28	Black body	A28	TAO24-0093588-0001.C028
007 - A29	Black body	A29	TAO24-0093588-0001.C029
007 - B2	Black body	B2	TAO24-0093588-0002.C002
007 - B4	Black body	B4	TAO24-0093588-0002.C004
007 - B5	Black body	B5	TAO24-0093588-0002.C005
007 - B8	Black body	B8	TAO24-0093588-0002.C008
007 - B9	Black body	B9	TAO24-0093588-0002.C009
007 - B10	Black body	B10	TAO24-0093588-0002.C010
007 - B15	Black body	B15	TAO24-0093588-0002.C015
007 - B16	Black body	B16	TAO24-0093588-0002.C016
008 - A10+A26+A45+A69+A74+B36+B42+B49	Silvery metal(screw) + Silvery metal + Copper-colored metal(inner core) + Silvery metal + Silvery metal + Silvery metal + Silvery metal + Copper-colored metal(inner core)	A10+A26+A45+A69+A74+B36+B42+B49	TAO24-0093588-0032
008 - A37	Silvery metal	A37	TAO24-0093588-0001.C037
008 - A38	Silvery metal(nut)	A38	TAO24-0093588-0001.C038

Test Result ID	Description	Test Part ID	SGS Sample ID
008 - A41	Yellow metal	A41	TAO24-0093588-0001.C041
008 - A55	Silvery metal	A55	TAO24-0093588-0001.C055
008 - A59	Yellow metal	A59	TAO24-0093588-0001.C059
008 - B26	Silvery metal	B26	TAO24-0093588-0002.C026
008 - B27	Silvery metal(nut)	B27	TAO24-0093588-0002.C027
008 - B32	Silvery metal	B32	TAO24-0093588-0002.C032
008 - B33	Yellow metal	B33	TAO24-0093588-0002.C033
008 - B38	Silvery metal	B38	TAO24-0093588-0002.C038
008 - B39	Silvery metal	B39	TAO24-0093588-0002.C039

Test Method:
With reference to SGS In-House method, analysis was performed by ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS and Colorimetric Method.

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
VIII	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.018	0.010
VIII	Dioxobis(stearato)trilead*	12578-12-0	0.027	0.010
VIII	Fatty acids, C16-18, lead salts*	91031-62-8	0.052	0.010
VIII	Lead bis(tetrafluoroborate)*	13814-96-5	0.026	0.010
VIII	Lead cyanamidate*	20837-86-9	0.017	0.010
VIII	Lead dinitrate*	10099-74-8	0.022	0.010
VIII	Lead monoxide*	1317-36-8	0.015	0.010
VIII	Lead oxide sulfate*	12036-76-9	0.018	0.010
VIII	Lead tetroxide (orange lead)*	1314-41-6	0.015	0.010
VIII	Lead titanium trioxide*	12060-00-3	0.020	0.010
VIII	Lead titanium zirconium oxide*	12626-81-2	0.023	0.010
VIII	Pentalead tetraoxide sulphate*	12065-90-6	0.016	0.010
VIII	Pyrochlore, antimony lead yellow*	8012-00-8	0.026	0.010
VIII	Silicic acid, lead salt*	11120-22-2	0.019	0.010
VIII	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.018	0.010
VIII	Tetralead trioxide sulphate*	12202-17-4	0.016	0.010
VIII	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.017	0.010
VIII	Trilead dioxide phosphonate*	12141-20-7	0.017	0.010
X	Lead di(acetate)*	301-04-2	0.022	0.010
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	see below confirmation test result	0.100
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	see below confirmation test result	0.100
XIX	Lead	7439-92-1	0.014	0.010
-	Other SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	001 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A49+A50+A51+ A52+A53 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A46+A47+A48+A56+A57 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A61+A62+A63+A64+A65 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A5 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A9 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A13 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A42 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	001 - A44 Concentration (%)	RL (%)
XIX	Decamethylcyclopentasiloxane (D5)	541-02-6	ND	0.050
XIX	Dodecamethylcyclohexasiloxane (D6)	540-97-6	ND	0.050

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	002 Concentration (%)	RL (%)
-	All SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	002 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	003 Concentration (%)	RL (%)
-	All SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	003 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	004 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	see below confirmation test result	0.100
-	Other SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	004 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A36 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A39 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A40 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A54 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A58 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A60 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A75 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - A76 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - B11 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - B28 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - B29 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	004 - B31 Concentration (%)	RL (%)
XXXI	Triphenyl phosphate	115-86-6	ND	0.050

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	005 Concentration (%)	RL (%)
III	Boric acid*	-	0.035	0.010
III	Disodium tetraborate, anhydrous*	12179-04-3 /1303-96-4 /1330-43-4	0.029	0.010
III	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.029	0.010
VII	Diboron trioxide*	1303-86-2	0.020	0.010
VIII	[Phthalato(2-)]dioxotrilead*	69011-06-9	3.154	0.010
VIII	Dioxobis(stearato)trilead*	12578-12-0	4.708	0.010
VIII	Fatty acids, C16-18, lead salts*	91031-62-8	8.881	0.010
VIII	Lead bis(tetrafluoroborate)*	13814-96-5	4.407	0.010
VIII	Lead cyanamidate*	20837-86-9	2.884	0.010
VIII	Lead dinitrate*	10099-74-8	3.833	0.010
VIII	Lead monoxide*	1317-36-8	2.583	0.010
VIII	Lead oxide sulfate*	12036-76-9	3.047	0.010
VIII	Lead tetroxide (orange lead)*	1314-41-6	2.645	0.010
VIII	Lead titanium trioxide*	12060-00-3	3.508	0.010
VIII	Lead titanium zirconium oxide*	12626-81-2	0.998	0.010
VIII	Pentalead tetraoxide sulphate*	12065-90-6	2.768	0.010
VIII	Pyrochlore, antimony lead yellow*	8012-00-8	0.035	0.010
VIII	Silicic acid, lead salt*	11120-22-2	3.279	0.010
VIII	Sulfurous acid, lead salt, dibasic*	62229-08-7	3.058	0.010

Batch	Substance Name	CAS No.	005 Concentration (%)	RL (%)
VIII	Tetralead trioxide sulphate*	12202-17-4	2.815	0.010
VIII	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	2.993	0.010
VIII	Trilead dioxide phosphonate*	12141-20-7	2.830	0.010
X	Lead di(acetate)*	301-04-2	3.765	0.010
XIX	Disodium octaborate*	12008-41-2	0.024	0.010
XIX	Lead	7439-92-1	see below confirmation test result	0.010
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	see below confirmation test result	0.100
XXV	Orthoboric acid, sodium salt*	13840-56-7	0.073	0.005
-	Other SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	005 Concentration (%)	RL (%)
/	Barium chromate*	10294-40-3	0.741	0.010
/	Other Potential SVHC	-	ND	-

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A15+A16+A25+A30 Concentration (%)	RL (%)
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A33+A34+B1+B13+B23 Concentration (%)	RL (%)
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A71+A77 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Batch	Substance Name	CAS No.	005 - A71+A77 Concentration (%)	RL (%)
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A73+B7 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A8 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A11 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A12 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A15 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A16 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A25 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A30 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A33 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A34 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - A73 Concentration (%)	RL (%)
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B1 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B3 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B7 Concentration (%)	RL (%)
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B12 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B13 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B14 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.443	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B22 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005
XXII	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	ND	0.050

Confirmation Test Result:

Batch	Substance Name	CAS No.	005 - B23 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	006 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	see below confirmation test result	0.010

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B17 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B18 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B19 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B20 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B21 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	1.843	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	006 - B24 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	007 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	see below confirmation test result	0.010

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A14 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A17 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A18 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	0.108	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A19 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.079	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A20 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A21 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A22 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A23 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A24 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A27 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	1.361	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A28 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	1.113	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - A29 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.724	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B2 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B4 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B5 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	0.923	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B8 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	0.008	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B9 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B10 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B15 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	1.650	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	007 - B16 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	0.005	0.005

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	008 Concentration (%)	RL (%)
I	Diarsenic pentaoxide*	1303-28-2	0.041	0.010
IX	Cadmium oxide*	1306-19-0	0.019	0.010
IX	Cadmium	7440-43-9	0.017	0.010
XIX	Lead	7439-92-1	see below confirmation test result	0.010
-	Other SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	008 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A10+A26+A45+ A69+A74+B36+ B42+B49 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A37 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.765	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A38 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.483	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A41 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	3.595	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A55 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.747	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - A59 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	2.916	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B26 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	3.328	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B27 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	3.162	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B32 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B33 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	3.910	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B38 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Confirmation Test Result:

Batch	Substance Name	CAS No.	008 - B39 Concentration (%)	RL (%)
XIX	Lead	7439-92-1	ND	0.005

Result of SVHC in the Candidate List

Batch	Substance Name	CAS No.	009 Concentration (%)	RL (%)
-	All SVHC in Candidate list	-	ND	-

Result of Potential SVHC

Batch	Substance Name	CAS No.	009 Concentration (%)	RL (%)
/	All Potential SVHC	-	ND	-

Notes:

(1) The table above only shows detected SVHC, and SVHC that below RL are not reported. Please refer to Appendix for the full list of tested SVHC.

(2) RL = Reporting Limit (Test data will be shown if it ≥ RL. RL is not regulatory limit.)
ND = Not detected (lower than RL), ND is denoted on the SVHC substance.

(3) * The result is based on the calculation of selected element(s) under the worst-case scenario, and the evaluation of substance usage and material properties.
** The result is based on the calculation of selected marker(s) and to the worst-case scenario.
Calculated concentration of boric compounds are based on water extractive boron detected by ICP-OES.
Calculated concentration of Barium diboron tetraoxide is based on water extractive boron and barium detected by ICP-OES.
RL = 0.01% is evaluated for element (i.e. cobalt, arsenic, lead, chromium, chromium (VI), aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium and cadmium respectively), except molybdenum RL=0.001%, boron RL=0.005% (only for Lead bis(tetrafluoroborate), Orthoboric acid, sodium salt, Barium diboron tetraoxide), chromium (VI) RL=0.005% (only for Pentazinc chromate octahydroxide), fluorine RL=0.060%.

(4) § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).

(5) Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight.
(6) In consideration of the analysis requirement and the limit of sample volume, the screening test for the article is based on components / material enough to test.
(7) / = Potential SVHC

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

Appendix

Full list of tested SVHC:

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	0.100
I	2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	0.100
I	3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.100
I	4	Anthracene	120-12-7	0.100
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.100
I	6	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	0.100
I	7	Bis(tributyltin)oxide (TBTO)	56-35-9	0.100
I	8	Cobalt dichloride*	7646-79-9	0.010
I	9	Diarsenic pentaoxide*	1303-28-2	0.010
I	10	Diarsenic trioxide*	1327-53-3	0.010
I	11	Dibutyl phthalate (DBP)	84-74-2	0.100
I	12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	-	0.100
I	13	Lead hydrogen arsenate*	7784-40-9	0.010
I	14	Sodium dichromate*	10588-01-9 /7789-12-0	0.010
I	15	Triethyl arsenate*	15606-95-8	0.010
II	16	2,4-Dinitrotoluene	121-14-2	0.100
II	17	Anthracene oil**	90640-80-5	0.100
II	18	Anthracene oil, anthracene paste**	90640-81-6	0.100
II	19	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.100
II	20	Anthracene oil, anthracene paste, distn. Lights**	91995-17-4	0.100
II	21	Anthracene oil, anthracene-low**	90640-82-7	0.100
II	22	Diisobutyl phthalate	84-69-5	0.100
II	23	Lead chromate*	7758-97-6	0.010
II	24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	0.010
II	25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	0.010
II	26	Pitch, coal tar, high temp. **	65996-93-2	0.100
II	27	Tris(2-chloroethyl)phosphate	115-96-8	0.100
II	28	Acrylamide	79-06-1	0.100
III	29	Ammonium dichromate*	7789-09-5	0.010
III	30	Boric acid*	-	0.010
III	31	Disodium tetraborate, anhydrous*	12179-04-3 /1303-96-4 /1330-43-4	0.010
III	32	Potassium chromate*	7789-00-6	0.010
III	33	Potassium dichromate*	7778-50-9	0.010
III	34	Sodium chromate*	7775-11-3	0.010
III	35	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.010

Batch	No.	Substance Name	CAS No.	RL (%)
III	36	Trichloroethylene	79-01-6	0.100
IV	37	2-Ethoxyethanol	110-80-5	0.100
IV	38	2-Methoxyethanol	109-86-4	0.100
IV	39	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid*	-	0.010
IV	40	Chromium trioxide*	1333-82-0	0.010
IV	41	Cobalt(II) carbonate*	513-79-1	0.010
IV	42	Cobalt(II) diacetate*	71-48-7	0.010
IV	43	Cobalt(II) dinitrate*	10141-05-6	0.010
IV	44	Cobalt(II) sulphate*	10124-43-3	0.010
V	45	1,2,3-trichloropropane	96-18-4	0.100
V	46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.100
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.100
V	48	1-methyl-2-pyrrolidone	872-50-4	0.100
V	49	2-ethoxyethyl acetate	111-15-9	0.100
V	50	Hydrazine	302-01-2 /7803-57-8	0.100
V	51	strontium chromate*	7789-06-2	0.010
VI	52	1,2-Dichloroethane	107-06-2	0.100
VI	53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.100
VI	54	2-Methoxyaniline; o-Anisidine	90-04-0	0.100
VI	55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.100
VI	56	Aluminosilicate Refractory Ceramic Fibres*	-	0.010
VI	57	Arsenic acid*	7778-39-4	0.010
VI	58	Bis(2-methoxyethyl) ether	111-96-6	0.100
VI	59	Bis(2-methoxyethyl) phthalate	117-82-8	0.100
VI	60	Calcium arsenate*	7778-44-1	0.010
VI	61	Dichromium tris(chromate)*	24613-89-6	0.010
VI	62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.100
VI	63	Lead diazide, Lead azide*	13424-46-9	0.010
VI	64	Lead dipicrate*	6477-64-1	0.010
VI	65	Lead styphnate*	15245-44-0	0.010
VI	66	N,N-dimethylacetamide	127-19-5	0.100
VI	67	Pentazinc chromate octahydroxide*	49663-84-5	0.010
VI	68	Phenolphthalein	77-09-8	0.100
VI	69	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.010
VI	70	Trilead diarsenate*	3687-31-8	0.010
VI	71	Zirconia Aluminosilicate Refractory Ceramic Fibres*	-	0.010
VII	72	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)§	2580-56-5	0.100

Batch	No.	Substance Name	CAS No.	RL (%)
VII	73	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) §	548-62-9	0.100
VII	74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.100
VII	75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.100
VII	76	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	0.100
VII	77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	0.100
VII	78	Diboron trioxide*	1303-86-2	0.010
VII	79	Formamide	75-12-7	0.100
VII	80	Lead(II) bis(methanesulfonate)*	17570-76-2	0.010
VII	81	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.100
VII	82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	0.100
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) §	6786-83-0	0.100
VII	84	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	0.100
VIII	85	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.010
VIII	86	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.100
VIII	87	1,2-Diethoxyethane	629-14-1	0.100
VIII	88	1-Bromopropane	106-94-5	0.100
VIII	89	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.100
VIII	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	0.100
VIII	91	4,4'-Methylenedi-o-toluidine	838-88-0	0.100
VIII	92	4,4'-Oxydianiline and its salts	101-80-4	0.100
VIII	93	4-Aminoazobenzene	60-09-3	0.100
VIII	94	4-Methyl-m-phenylenediamine	95-80-7	0.100
VIII	95	4-Nonylphenol, branched and linear	-	0.100
VIII	96	6-Methoxy-m-toluidine	120-71-8	0.100
VIII	97	Acetic acid, lead salt, basic*	51404-69-4	0.010
VIII	98	Biphenyl-4-ylamine	92-67-1	0.100
VIII	99	Decabromodiphenyl ether (DecaBDE)	1163-19-5	0.100
VIII	100	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	-	0.100
VIII	101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.100

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	102	Dibutyltin dichloride (DBTC)	683-18-1	0.100
VIII	103	Diethyl sulphate	64-67-5	0.100
VIII	104	Diisopentylphthalate	605-50-5	0.100
VIII	105	Dimethyl sulphate	77-78-1	0.100
VIII	106	Dinoseb	88-85-7	0.100
VIII	107	Dioxobis(stearato)trilead*	12578-12-0	0.010
VIII	108	Fatty acids, C16-18, lead salts*	91031-62-8	0.010
VIII	109	Furan	110-00-9	0.100
VIII	110	Henicosafluoroundecanoic acid	2058-94-8	0.100
VIII	111	Heptacosafluorotetradecanoic acid	376-06-7	0.100
VIII	112	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	-	0.100
VIII	113	Lead bis(tetrafluoroborate)*	13814-96-5	0.010
VIII	114	Lead cyanamidate*	20837-86-9	0.010
VIII	115	Lead dinitrate*	10099-74-8	0.010
VIII	116	Lead monoxide*	1317-36-8	0.010
VIII	117	Lead oxide sulfate*	12036-76-9	0.010
VIII	118	Lead tetroxide (orange lead)*	1314-41-6	0.010
VIII	119	Lead titanium trioxide*	12060-00-3	0.010
VIII	120	Lead titanium zirconium oxide*	12626-81-2	0.010
VIII	121	Methoxyacetic acid	625-45-6	0.100
VIII	122	Methyloxirane (Propylene oxide)	75-56-9	0.100
VIII	123	N,N-Dimethylformamide	68-12-2	0.100
VIII	124	N-Methylacetamide	79-16-3	0.100
VIII	125	N-Pentyl-isopentylphthalate	776297-69-9	0.100
VIII	126	o-Aminoazotoluene	97-56-3	0.100
VIII	127	o-Toluidine	95-53-4	0.100
VIII	128	Pentacosafluorotridecanoic acid	72629-94-8	0.100
VIII	129	Pentalead tetraoxide sulphate*	12065-90-6	0.010
VIII	130	Pyrochlore, antimony lead yellow*	8012-00-8	0.010
VIII	131	Silicic acid, barium salt, lead-doped*	68784-75-8	0.010
VIII	132	Silicic acid, lead salt*	11120-22-2	0.010
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.010
VIII	134	Tetraethyllead*	78-00-2	0.010
VIII	135	Tetralead trioxide sulphate*	12202-17-4	0.010
VIII	136	Tricosafluorododecanoic acid	307-55-1	0.100
VIII	137	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	0.010
VIII	138	Trilead dioxide phosphonate*	12141-20-7	0.010
IX	139	4-Nonylphenol, branched and linear, ethoxylated	-	0.100
IX	140	Ammonium pentadecafluorooctanoate (APFO)**	3825-26-1	0.100
IX	141	Cadmium oxide*	1306-19-0	0.010
IX	142	Cadmium	7440-43-9	0.010

Batch	No.	Substance Name	CAS No.	RL (%)
IX	143	Dipentyl phthalate (DPP)	131-18-0	0.100
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.100
X	145	Cadmium sulphide*	1306-23-6	0.010
X	146	Dihexyl phthalate	84-75-3	0.100
X	147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.100
X	148	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)	1937-37-7	0.100
X	149	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	0.100
X	150	Lead di(acetate)*	301-04-2	0.010
X	151	Trixylyl phosphate	25155-23-1	0.100
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.100
XI	153	Cadmium chloride*	10108-64-2	0.010
XI	154	Sodium perborate; perboric acid, sodium salt*	-	0.010
XI	155	Sodium peroxometaborate*	7632-04-4	0.010
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.100
XII	157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.100
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.100
XII	159	Cadmium fluoride*	7790-79-6	0.010
XII	160	Cadmium sulphate*	10124-36-4 /31119-53-6	0.010
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate & 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 & MOTE)	-	0.100
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	-	0.100
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	-	0.100
XIV	164	1,3-propanesultone	1120-71-4	0.100
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	0.100

Batch	No.	Substance Name	CAS No.	RL (%)
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	0.100
XIV	167	Nitrobenzene	98-95-3	0.100
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	0.100
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.100
XVI	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	0.100
XVI	171	4-Heptylphenol, branched and linear	-	0.100
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	0.100
XVI	173	p-(1,1-dimethylpropyl)phenol	80-46-6	0.100
XVII	174	Perfluorohexane-1-sulphonic acid and its salts	-	0.100
XVIII	175	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"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	0.100
XVIII	176	Benz[a]anthracene	56-55-3	0.100
XVIII	177	Cadmium nitrate*	10325-94-7	0.010
XVIII	178	Cadmium carbonate*	513-78-0	0.010
XVIII	179	Cadmium hydroxide*	21041-95-2	0.010
XVIII	180	Chrysene	218-01-9	0.100
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	-	0.100
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	0.100
XIX	183	Benzo[ghi]perylene	191-24-2	0.100
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.100
XIX	186	Disodium octaborate*	12008-41-2	0.010
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050
XIX	188	Ethylenediamine (EDA)	107-15-3	0.100
XIX	189	Lead	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.100
XIX	191	Terphenyl, hydrogenated	61788-32-7	0.100
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	0.100
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.100
XX	194	Benzo[k]fluoranthene	207-08-9	0.100
XX	195	Fluoranthene	206-44-0	0.100
XX	196	Phenanthrene	85-01-8	0.100
XX	197	Pyrene	129-00-0	0.100
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts	-	0.100

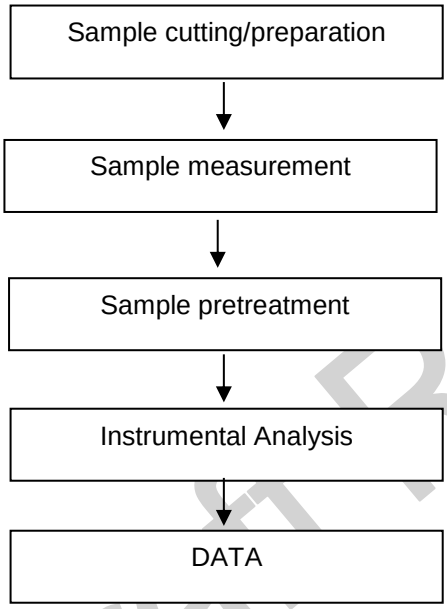
Batch	No.	Substance Name	CAS No.	RL (%)
		and its acyl halides (covering any of their individual isomers and combinations thereof)		
XXI	199	2-methoxyethyl acetate	110-49-6	0.100
XXI	200	4-tert-butylphenol (PTBP)	98-54-4	0.100
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	0.100
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.100
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
XXII	204	Diisohexyl phthalate	71850-09-4	0.100
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.100
XXIII	206	1-vinylimidazole	1072-63-5	0.100
XXIII	207	2-methylimidazole	693-98-1	0.100
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.100
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin**	22673-19-4	0.100
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.100
XXIV	211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety**	-	0.100
XXV	212	1,4-Dioxane	123-91-1	0.100
XXV	213	2,2-bis(bromomethyl)propane1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	0.100
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.100
XXV	215	4,4'-(1-methylpropylidene)bisphenol; (bisphenol B)	77-40-7	0.100
XXV	216	Glutaral	111-30-8	0.100
XXV	217	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]	-	0.100
XXV	218	Orthoboric acid, sodium salt*	13840-56-7	0.005
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	0.100
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-	-	0.100

Batch	No.	Substance Name	CAS No.	RL (%)
		2-one covering any of the individual isomers and/or combinations thereof (4-MBC)		
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	0.100
XXVI	222	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	255881-94-8	0.100
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.100
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.100
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	0.100
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.100
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	0.100
XXVIII	228	Barium diboron tetraoxide*	13701-59-2	0.005
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.100
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.100
XXVIII	231	Melamine	108-78-1	0.100
XXVIII	232	Perfluoroheptanoic acid and its salts	-	0.100
XXVIII	233	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*	-	0.060
XXIX	234	Bis(4-chlorophenyl) sulphone	80-07-9	0.100
XXIX	235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.100
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	0.100
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.100
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.100
XXX	239	Bumetrizole (UV-326)	3896-11-5	0.100
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.100
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.100
XXXI	242	Triphenyl phosphate	115-86-6	0.050
XXXII	243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	0.100
XXXII	244	O,O,O-triphenyl phosphorothioate	597-82-0	0.100
XXXII	245	Octamethyltrisiloxane	107-51-7	0.100
XXXII	246	Perfluamine	338-83-0	0.100
XXXII	247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.100
/	248	Tris(4-nonylphenyl, branched) phosphite	-	0.100
/	249	Resorcinol	108-46-3	0.100

Batch	No.	Substance Name	CAS No.	RL (%)
/	250	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	0.100
/	251	Decamethyltetrasiloxane	141-62-8	0.100
/	252	1,1,1,3,5,5,5-heptamethyltrisiloxane	1873-88-7	0.100
/	253	Dodecamethylpentasiloxane	141-63-9	0.100
/	254	Hexamethyldisiloxane	107-46-0	0.100
/	255	Barium chromate*	10294-40-3	0.010

ATTACHMENTS

Testing Flow Chart



Sample photos:

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NYX660

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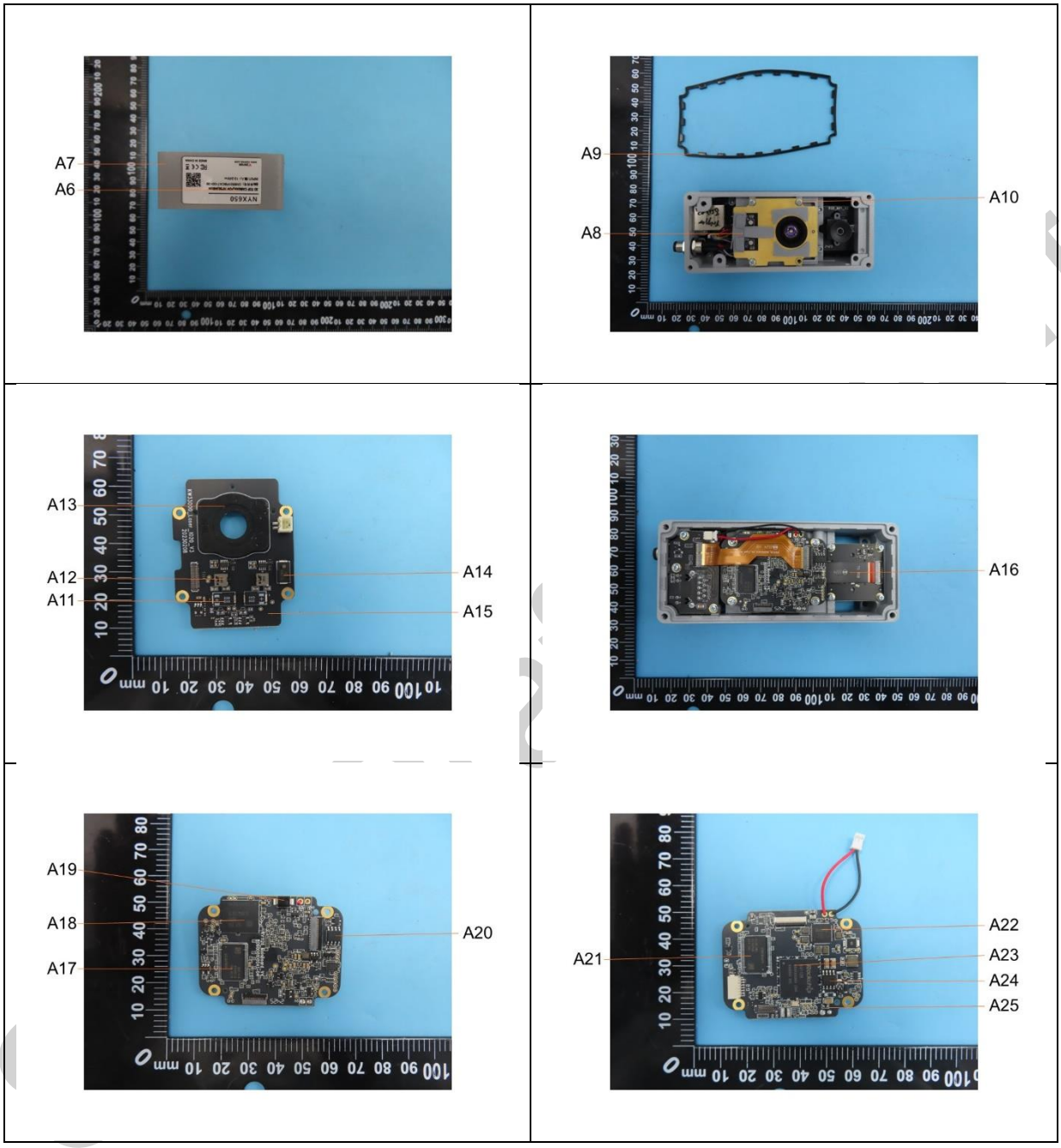
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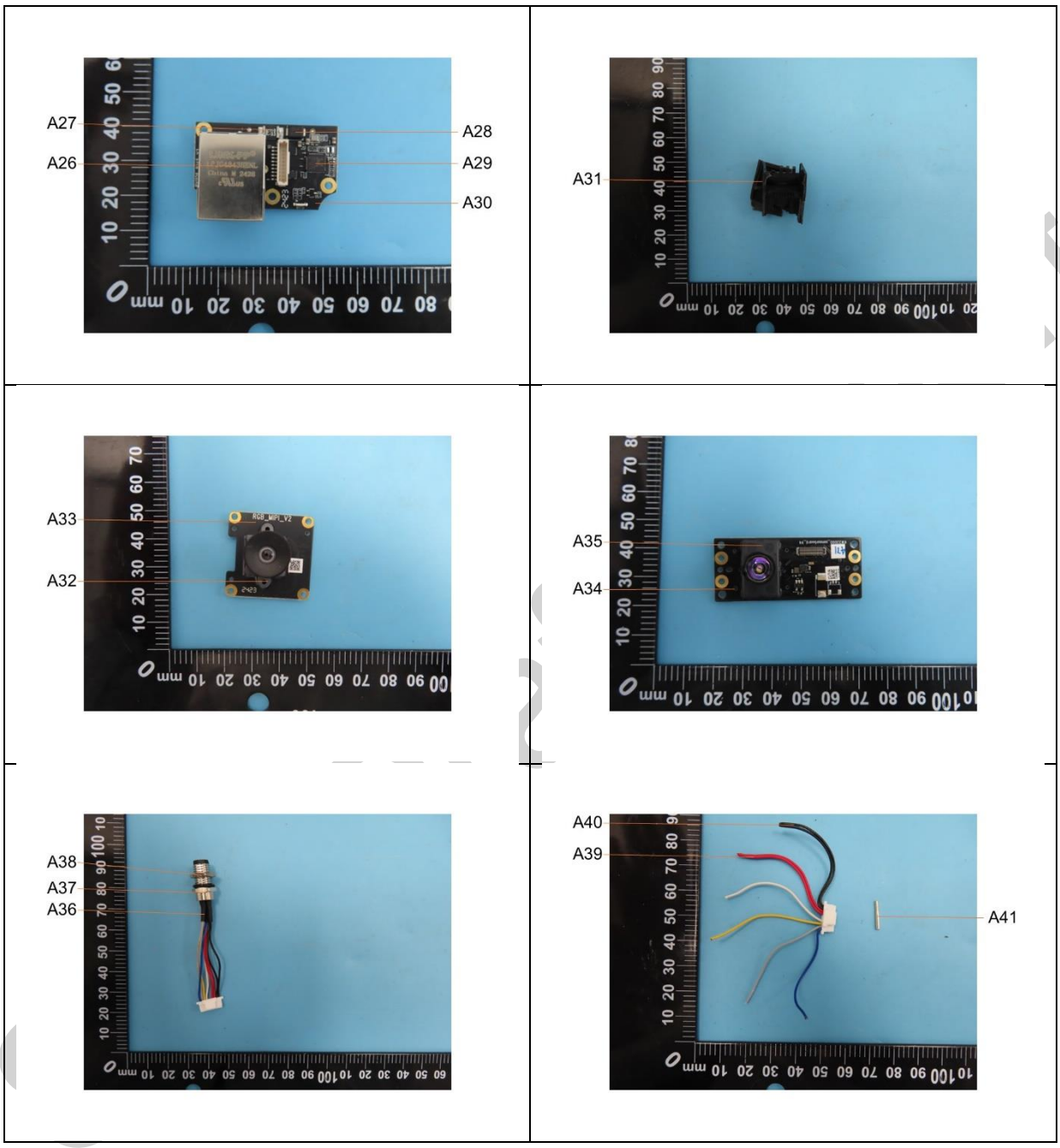
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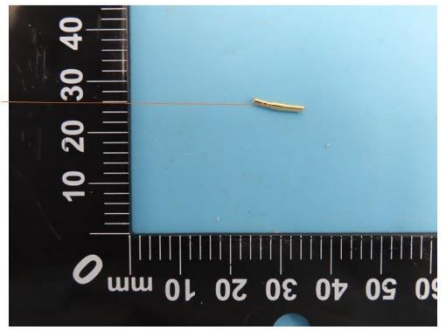
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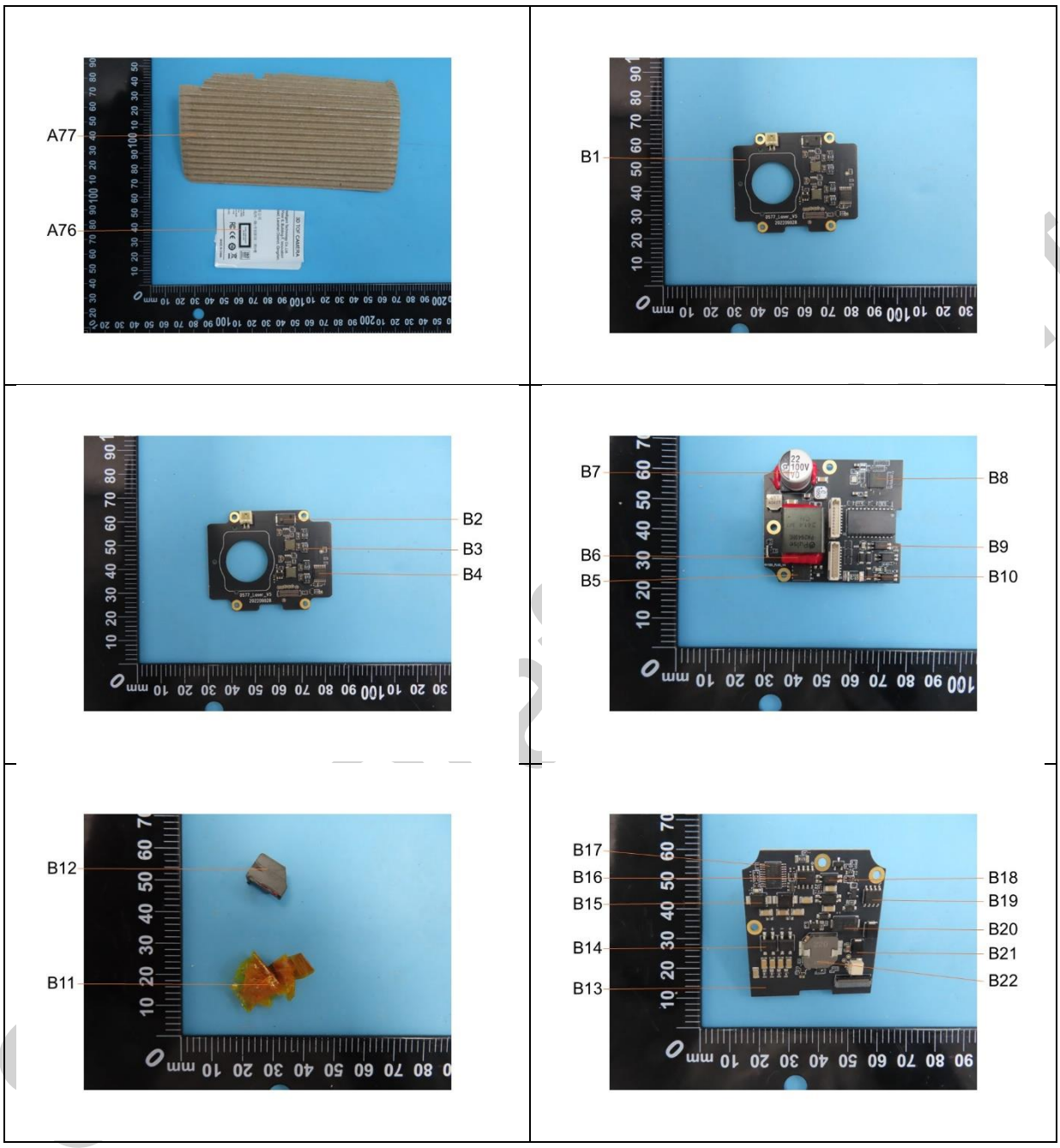
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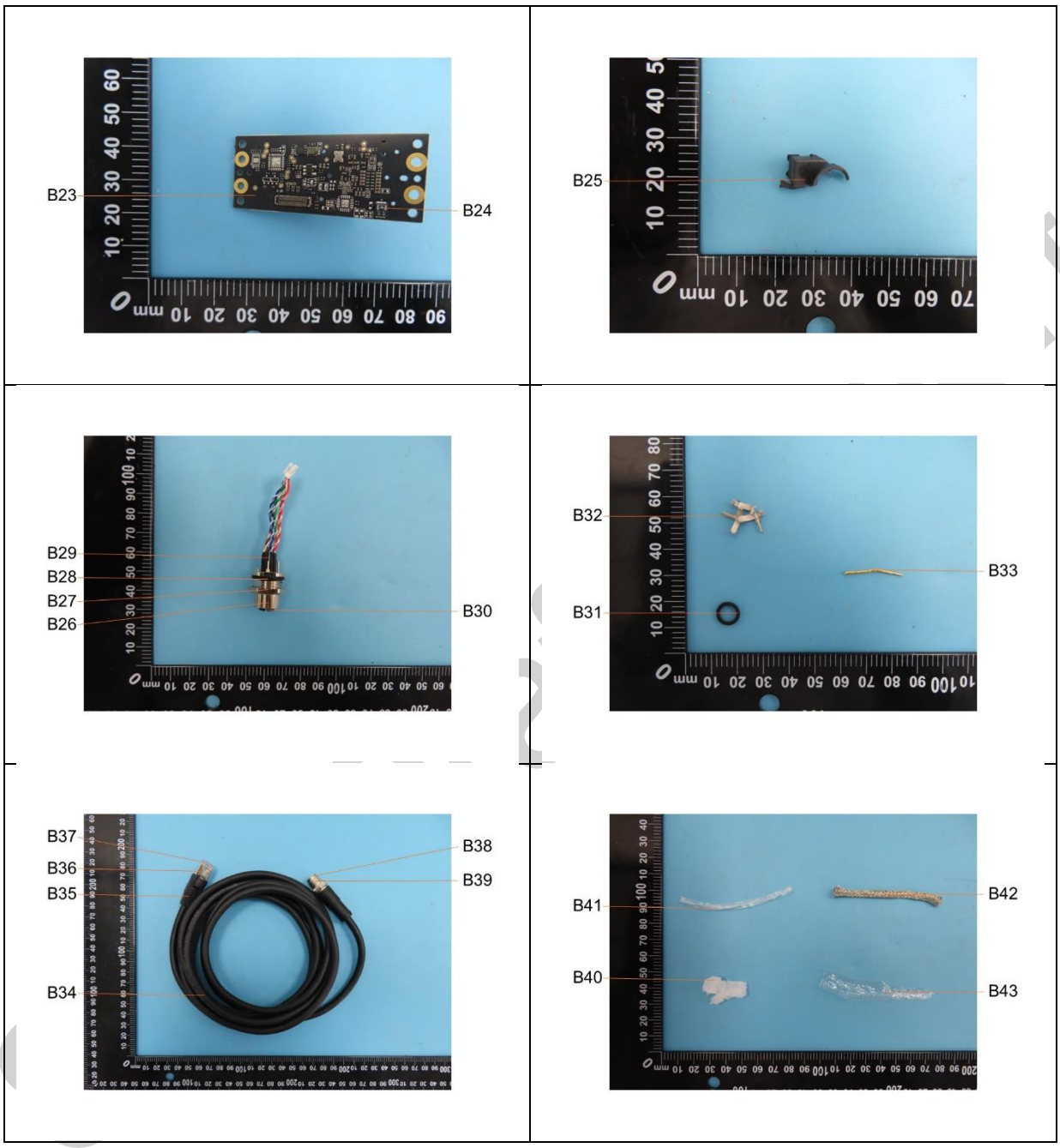
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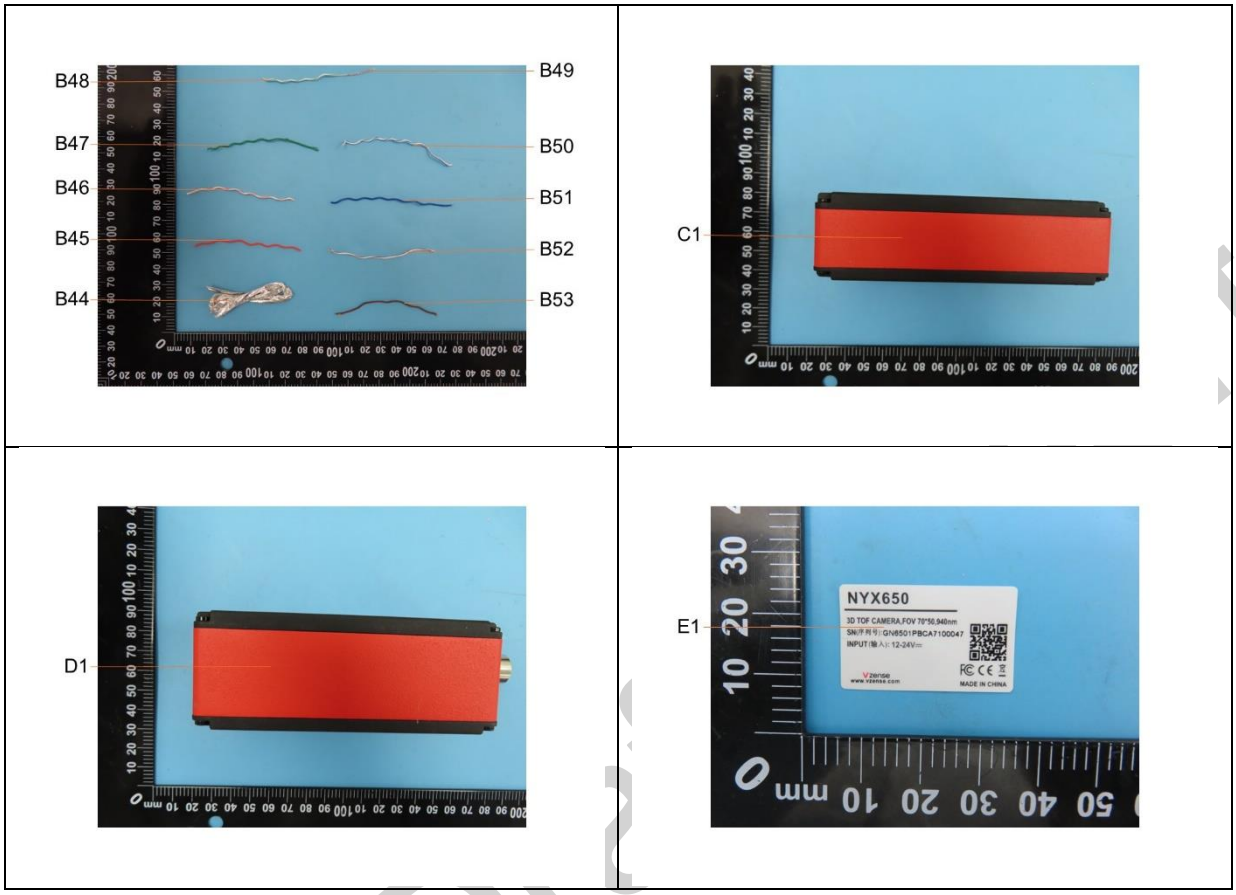

SGS authenticate the photo on original report only

*** End of Report ***