

TEST REPORT

APPLICANT : HAVEN TECHNOLOGIES, INC.

ADDRESS : 873 W CARMEL DRIVE, CARMEL, IN, 46032 USA

TESTED SAMPLE DESCRIPTION : WIRELESS EARBUDS

TESTED ITEM NO. : IT-36B,IT-26B,IT-38B,IT-39B

BUYER : HAVEN TECHNOLOGIES, INC

BRAND : ISOTUNES ,ISOTUNES SPORT

AGE REQUESTED ON APPLICATION FORM : NOT PRESENT

SAMPLE RECEIVED DATE : 05-Aug-2024; 30-Sep-2024

TEST PERIOD : 07-Aug-2024 to 10-Oct-2024

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
The 241 substances in the Candidate List of Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA), latest updated on 27 June 2024, regarding the Regulation (EC) No. 1907/2006: Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).	-
According to the specified scope and analytical techniques, concentrations of tested SVHC are less than 0.1% (w/w) in submitted sample.	PASS

The above sample(s) and sample information was/were submitted and identified on behalf of the applicant. Eurofins will not be liable for the authenticity of the information. This test report is valid for the tested sample only. Without permission of the test center this test report is not permitted to be duplicated in extracts.

Unless otherwise required by the applicant or method/regulation, decision rule in this report did not consider the measurement uncertainty.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

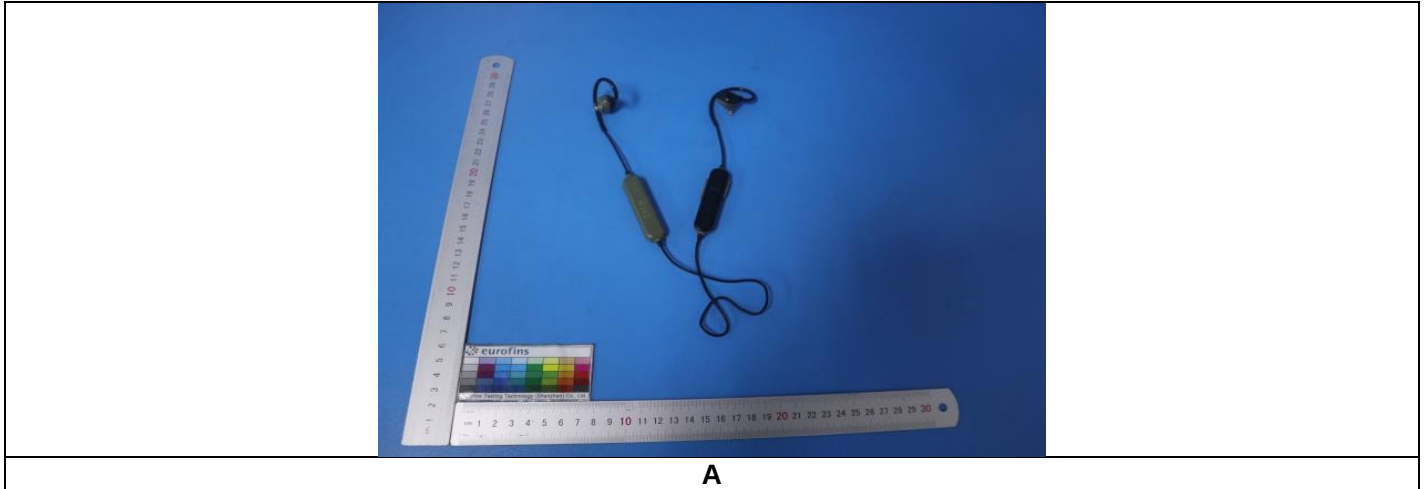
SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO., LTD.



Coco Luo
Senior Lab Manager



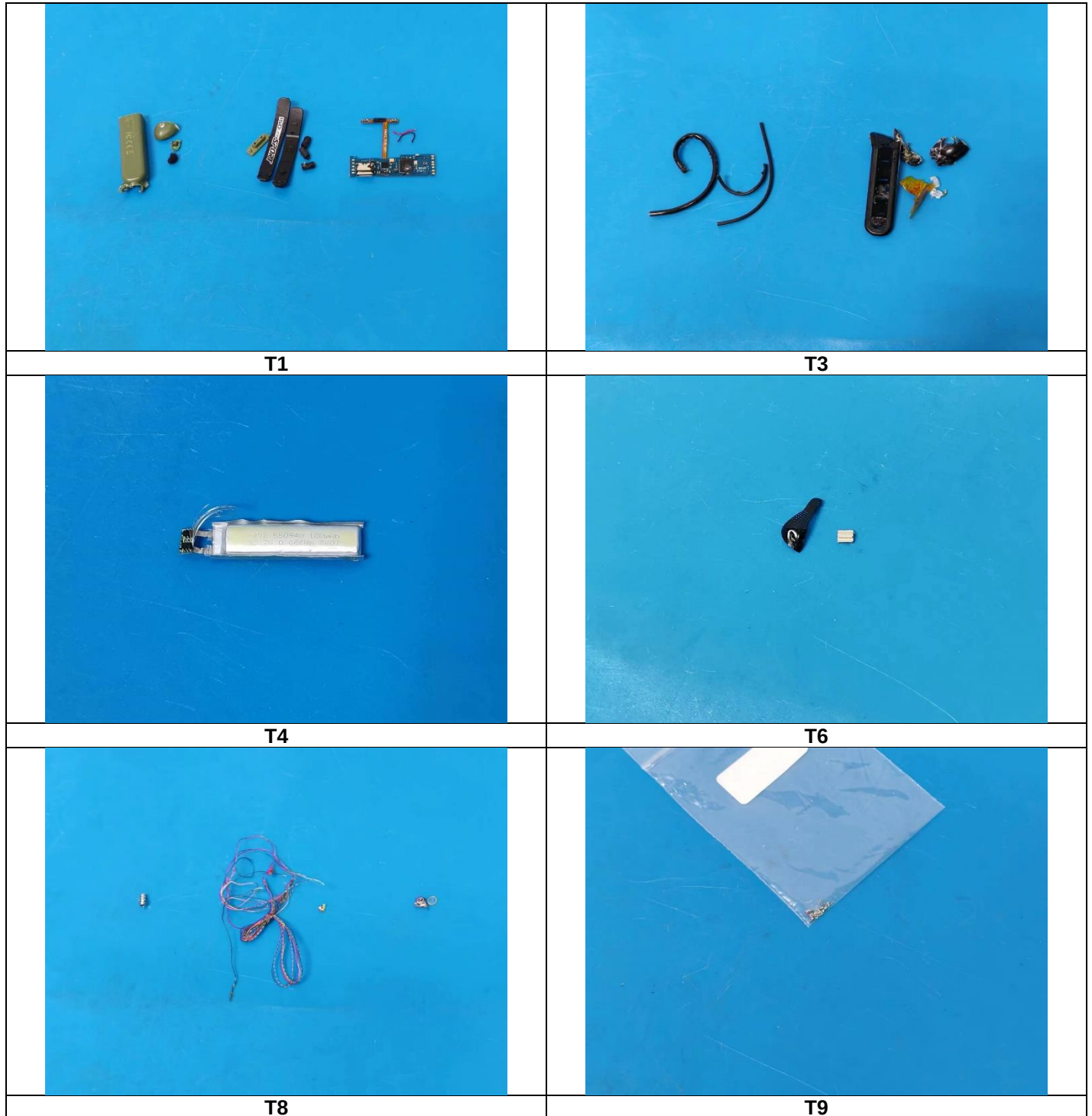
Harry Chen
Senior R&D Manager

TESTED SAMPLE PHOTO(S)**EFSN24080203-C-0106**

TO BE CONTINUED

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TESTED SAMPLE PHOTO(S)



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COMPONENT LIST

A Wireless Earbuds

Component No.	Component	Material	Color	Item No.
1	Hull of earplug and controller, PCB inside of earplug with all EC, foam pad inside of earplug	Plastic/coating/metal/ceramic/foam	Multi-color	A
2	Tube of earplug	Metal	Silvery	A
3	Cover tube on cable, cable jacket	Soft plastic	Black	A
4	Fixing tube of controller, pad and button of controller, socket cover	Soft plastic/printing	Black and army green/silvery	A
5	Hull of controller and hull of earplug, glue inside of earplug and controller, light cover of controller, all plastic of loudspeaker, fixing block on cable, tape on battery	Plastic/glue	Multi-color	A
6	Net of earplug, magnet inside of earplug	Metal/coating	Silvery/black	A
7	Wire inside of cable, clip on end of cable	Metal	Multi-color	A
8	All metal of loudspeaker	Metal	Multi-color	A
9	PCB of controller and button with all EC, wire jacker of battery, heat-shrinkable tube	Plastic/printing/metal/ceramic/soft plastic	Multi-color	A
10	Soldering tin	Metal	Silvery	A
16	Battery (180mAh 3.7V)	-	-	A

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TEST RESULT

241 SVHCs:

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:
<https://echa.europa.eu/candidate-list-table>
These lists are under evaluation by ECHA and may subject to change in the future.
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.
- (2) Communication of information on substances in articles
Any supplier of an article containing a substance has to provide to the recipient of the article (Article 33(1)) or to a consumer (Article 33(2)) relevant safety information, available to him, when both the following conditions are met:
 - The substance is included in the Candidate List, and
 - The substance is present in articles produced and/or imported above a concentration of 0.1% (w/w),

The information is to be provided to the recipient of the article when the article is supplied for the first time after the inclusion of the substance into the Candidate List and to the consumer upon request by that consumer, within 45 calendar days of that request and free of charge.
- (3) Notification of substances in articles
Notification is the submission of specific information on a substance and its uses in articles, as well as the use of the article to ECHA. Notification of a substance in articles is required by an article producer or importer when all of the following conditions are met:
 - The substance is included in the Candidate List, and
 - The substance is present in articles produced and/or imported above a concentration of 0.1% (w/w), and
 - The total amount of the substance present in all articles produced and/or imported, which contain more than 0.1% (w/w) of the substance, exceeds 1 tonne per year for the producer/importer.
- (4) If a SVHC is found over the reporting limit, the client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

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TEST RESULT

Test Group List

T1	1+4+9
T3	3+5
T4	16
T6	6
T8	2+7+8
T9	10

Test Result:

Test method : In-house method, GC-MS, LC-MS, ICP-OES, UV/VIS, IC -quantification of relevant SVHC (substances of very high concern) in material samples.

Detection limit : 0.010 %

Parameter	CAS No.	Test result (%)			
		T1	T6	T3	T4
All tested SVHCs	-	N.D.	N.D.	N.D.	N.D.

Parameter	CAS No.	Test result (%)	
		T8	
All tested SVHCs	-	N.D.	

Parameter	CAS No.	Test result (%)	
		T9	
Lead ¹⁾	7439-92-1	0.021	
Others tested SVHCs	-	N.D.	

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TEST RESULT

List of 241 SVHCs

Batch	SN	Test Item	CAS No.	Detection Limit (%)
I	1	Bis(tributyltin) oxide (TBTO) ²⁾	56-35-9	0.010
I	2	Dibutyl phthalate (DBP)	84-74-2	0.010
I	3	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	0.010
I	4	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	0.010
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.010
I	6	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified	25637-99-4 3194-55-6 134237-52-8 134237-51-7 134237-50-6	0.010
I	7	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	0.010
I	8	Anthracene	120-12-7	0.010
I	9	Cobalt dichloride ¹⁾	7646-79-9	0.010
I	10	Sodium dichromate ¹⁾	10588-01-9 7789-12-0	0.010
I	11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	0.010
I	12	Diarsenic pentaoxide ¹⁾	1303-28-2	0.010
I	13	Diarsenic trioxide ¹⁾	1327-53-3	0.010
I	14	Triethyl arsenate ¹⁾	15606-95-8	0.010
I	15	Lead hydrogen arsenate ¹⁾	7784-40-9	0.010
II	16	Diisobutyl phthalate	84-69-5	0.010
II	17	2,4-dinitrotoluene	121-14-2	0.010
II	18	Tris (2-chloroethyl) phosphate	115-96-8	0.010
II	19	Anthracene oil ²⁾	90640-80-5	0.010
II	20	Anthracene oil, anthracene paste, distn. Lights ²⁾	91995-17-4	0.010
II	21	Anthracene oil, anthracene paste, anthracene fraction ²⁾	91995-15-2	0.010
II	22	Anthracene oil, anthracene-low ²⁾	90640-82-7	0.010
II	23	Anthracene oil, anthracene paste ²⁾	90640-81-6	0.010
II	24	Pitch, coal tar, high-temp. ²⁾	65996-93-2	0.010
II	25	Acrylamide	79-06-1	0.010
II	26	Lead chromate ¹⁾	7758-97-6	0.010
II	27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) ¹⁾	12656-85-8	0.010
II	28	Lead sulfochromate yellow (C.I. Pigment Yellow 34) ¹⁾	1344-37-2	0.010
III	29	Trichloroethylene	79-01-6	0.010
III	30	Boric acid ¹⁾	10043-35-3 11113-50-1	0.010
III	31	Disodium tetraborate, anhydrous ¹⁾	1303-96-4 1330-43-4 12179-04-3	0.010
III	32	Tetraboron disodium heptaoxide, hydrate ¹⁾	12267-73-1	0.010
III	33	Sodium chromate ¹⁾	7775-11-3	0.010
III	34	Potassium chromate ¹⁾	7789-00-6	0.010
III	35	Ammonium dichromate ¹⁾	7789-09-5	0.010

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Batch	SN	Test Item	CAS No.	Detection Limit (%)
III	36	Potassium dichromate ¹⁾	7778-50-9	0.010
IV	37	2-methoxyethanol	109-86-4	0.010
IV	38	2-ethoxyethanol	110-80-5	0.010
IV	39	Cobalt(II) sulphate ¹⁾	10124-43-3	0.010
IV	40	Cobalt(II) dinitrate ¹⁾	10141-05-6	0.010
IV	41	Cobalt(II) carbonate ¹⁾	513-79-1	0.010
IV	42	Cobalt(II) diacetate ¹⁾	71-48-7	0.010
IV	43	Chromium trioxide ¹⁾	1333-82-0	0.010
IV	44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid ¹⁾	7738-94-5 13530-68-2	0.010
V	45	2-ethoxyethyl acetate	111-15-9	0.010
V	46	Strontium chromate ¹⁾	7789-06-2	0.010
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.010
V	48	Hydrazine	302-01-2 7803-57-8	0.010
V	49	1-Methyl-2-pyrrolidone (NMP)	872-50-4	0.010
V	50	1,2,3-trichloropropane	96-18-4	0.010
V	51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.010
VI	52	Dichromium tris(chromate) ¹⁾	24613-89-6	0.010
VI	53	Potassium hydroxyoctaoxodizincatedichromate ¹⁾	11103-86-9	0.010
VI	54	Pentazinc chromate octahydroxide ¹⁾	49663-84-5	0.010
VI	55	Aluminosilicate Refractory Ceramic Fibres ¹⁾	-	0.010
VI	56	Zirconia Aluminosilicate Refractory Ceramic Fibres ¹⁾	-	0.010
VI	57	Formaldehyde, oligomeric reaction products with aniline ²⁾	25214-70-4	0.010
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	0.010
VI	59	2-Methoxyaniline, o-Anisidine	90-04-0	0.010
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.010
VI	61	1,2-dichloroethane	107-06-2	0.010
VI	62	Bis(2-methoxyethyl) ether	111-96-6	0.010
VI	63	Arsenic acid ¹⁾	7778-39-4	0.010
VI	64	Calcium arsenate ¹⁾	7778-44-1	0.010
VI	65	Trilead diarsenate ¹⁾	3687-31-8	0.010
VI	66	N,N-dimethylacetamide	127-19-5	0.010
VI	67	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	0.010
VI	68	Phenolphthalein	77-09-8	0.010
VI	69	Lead diazide, Lead azide ¹⁾	13424-46-9	0.010
VI	70	Lead styphnate ¹⁾	15245-44-0	0.010
VI	71	Lead dipicrate ¹⁾	6477-64-1	0.010
VII	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	0.010

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Batch	SN	Test Item	CAS No.	Detection Limit (%)
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.010
VII	74	Diboron trioxide ¹⁾	1303-86-2	0.010
VII	75	Formamide	75-12-7	0.010
VII	76	Lead(II) bis methanesulfonate ¹⁾	17570-76-2	0.010
VII	77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	0.010
VII	78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	0.010
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.010
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.010
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	0.010
VII	82	[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	0.010
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) ²⁾	6786-83-0	0.010
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	0.010
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	0.010
VIII	86	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] ²⁾	-	0.010
VIII	87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	0.010
VIII	88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated ²⁾	-	0.010
VIII	89	Henicosafuoroundecanoic acid ²⁾	2058-94-8	0.010
VIII	90	Pentacosafuorotridecanoic acid ²⁾	72629-94-8	0.010
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride , cis-cyclohexane-1,2-dicarboxylic anhydride , trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	0.010
VIII	92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.010
VIII	93	Heptacosafuorotetradecanoic acid ²⁾	376-06-7	0.010
VIII	94	Diisopentyl phthalate	605-50-5	0.010

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VIII	95	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.010
VIII	96	N-pentyl-isopentylphthalate	776297-69-9	0.010
VIII	97	Methoxyacetic acid	625-45-6	0.010
VIII	98	Tricosafuorododecanoic acid ²⁾	307-55-1	0.010
VIII	99	1,2-diethoxyethane	629-14-1	0.010
VIII	100	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine ²⁾	143860-04-2	0.010
VIII	101	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.010
VIII	102	N-methylacetamide	79-16-3	0.010
VIII	103	Pentalead tetraoxide sulphate ¹⁾	12065-90-6	0.010
VIII	104	Biphenyl-4-ylamine	92-67-1	0.010
VIII	105	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.010
VIII	106	Dioxobis(stearato)trilead ¹⁾	12578-12-0	0.010
VIII	107	Lead dinitrate ¹⁾	10099-74-8	0.010
VIII	108	Tetralead trioxide sulphate ¹⁾	12202-17-4	0.010
VIII	109	Lead monoxide (lead oxide) ¹⁾	1317-36-8	0.010
VIII	110	Lead titanium trioxide ¹⁾	12060-00-3	0.010
VIII	111	4,4'-methylenedi-o-toluidine	838-88-0	0.010
VIII	112	Acetic acid, lead salt, basic ¹⁾	51404-69-4	0.010
VIII	113	Dimethyl sulphate	77-78-1	0.010
VIII	114	Furan	110-00-9	0.010
VIII	115	Pyrochlore, antimony lead yellow ¹⁾	8012-00-8	0.010
VIII	116	Tetraethyllead ¹⁾	78-00-2	0.010
VIII	117	[Phthalato(2-)]dioxotrilead ¹⁾	69011-06-9	0.010
VIII	118	Diethyl sulphate	64-67-5	0.010
VIII	119	Lead cyanamidate ¹⁾	20837-86-9	0.010
VIII	120	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped ¹⁾	68784-75-8	0.010
VIII	121	Trilead dioxide phosphonate ¹⁾	12141-20-7	0.010
VIII	122	o-toluidine	95-53-4	0.010
VIII	123	o-aminoazotoluene	97-56-3	0.010
VIII	124	4-aminoazobenzene	60-09-3	0.010
VIII	125	6-methoxy-m-toluidine (p-cresidine)	120-71-8	0.010
VIII	126	Dibutyltin dichloride (DBTC) ²⁾	683-18-1	0.010
VIII	127	Lead titanium zirconium oxide ¹⁾	12626-81-2	0.010
VIII	128	Methyloxirane (Propylene oxide)	75-56-9	0.010
VIII	129	1-bromopropane (n-propyl bromide)	106-94-5	0.010
VIII	130	Trilead bis(carbonate)dihydroxide ¹⁾	1319-46-6	0.010
VIII	131	Fatty acids, C16-18, lead salts ¹⁾	91031-62-8	0.010
VIII	132	Orange lead (lead tetroxide) ¹⁾	1314-41-6	0.010
VIII	133	Sulfurous acid, lead salt, dibasic ¹⁾	62229-08-7	0.010

TO BE CONTINUED

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TEST RESULT

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VIII	134	4,4'-oxydianiline and its salts ²⁾	101-80-4	0.010
VIII	135	Lead oxide sulfate ¹⁾	12036-76-9	0.010
VIII	136	Lead bis(tetrafluoroborate) ¹⁾	13814-96-5	0.010
VIII	137	Silicic acid, lead salt ¹⁾	11120-22-2	0.010
VIII	138	N,N-dimethylformamide	68-12-2	0.010
IX	139	Cadmium ¹⁾	7440-43-9	0.010
IX	140	Cadmium oxide ¹⁾	1306-19-0	0.010
IX	141	Dipentyl phthalate (DPP)	131-18-0	0.010
IX	142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof] ²⁾	-	0.010
IX	143	Ammonium pentadecafluorooctanoate (APFO) ²⁾	3825-26-1	0.010
IX	144	Pentadecafluorooctanoic acid (PFOA) ²⁾	335-67-1	0.010
X	145	Trixylyl phosphate	25155-23-1	0.010
X	146	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	0.010
X	147	Diethyl phthalate	84-75-3	0.010
X	148	Cadmium sulphide ¹⁾	1306-23-6	0.010
X	149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	0.010
X	150	Lead di(acetate) ¹⁾	301-04-2	0.010
X	151	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.010
XI	152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	0.010
XI	153	Cadmium chloride ¹⁾	10108-64-2	0.010
XI	154	Sodium perborate; perboric acid, sodium salt ¹⁾	15120-21-5 11138-47-9	0.010
XI	155	Sodium peroxometaborate ¹⁾	7632-04-4	0.010
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.010
XII	157	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.010
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl- 7-oxo-8-oxa-3,5-dithia-4- stannatetradecanoate (DOTE) ²⁾	15571-58-1	0.010
XII	159	Cadmium fluoride ¹⁾	7790-79-6	0.010
XII	160	Cadmium sulphate ¹⁾	10124-36-4 31119-53-6	0.010

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TEST RESULT

Batch	SN	Test Item	CAS No.	Detection Limit (%)
XII	161	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) ²⁾	-	0.010
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkylesters;1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	0.010
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 stereoisomers of [1] and [2] or any combination thereof ²⁾	-	0.010
XIV	164	Nitrobenzene	98-95-3	0.010
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.010
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.010
XIV	167	1,3-propanesultone	1120-71-4	0.010
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts ²⁾	375-95-1 21049-39-8 4149-60-4	0.010
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.010
XVI	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	0.010
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts ²⁾	335-76-2 3108-42-7 3830-45-3	0.010
XVI	172	p-(1,1-dimethylpropyl)phenol	80-46-6	0.010
XVI	173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof] ²⁾	-	0.010
XVII	174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS) ²⁾	-	0.010
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" TM) ²⁾	-	0.010
XVIII	176	Benz[a]anthracene	56-55-3	0.010
XVIII	177	Cadmium nitrate ¹⁾	10325-94-7 10022-68-1	0.010

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TEST RESULT

Batch	SN	Test Item	CAS No.	Detection Limit (%)
XVIII	178	Cadmium carbonate ¹⁾	513-78-0	0.010
XVIII	179	Cadmium hydroxide ¹⁾	21041-95-2	0.010
XVIII	180	Chrysene	218-01-9	0.010
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 (4-HPbl)] ²⁾	-	0.010
XIX	182	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.010
XIX	183	Decamethylcyclopentasiloxane (D5)	541-02-6	0.010
XIX	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.010
XIX	185	Lead ¹⁾	7439-92-1	0.010
XIX	186	Disodium octaborate ¹⁾	12008-41-2	0.010
XIX	187	Benzo[ghi]perylene	191-24-2	0.010
XIX	188	Terphenyl, hydrogenated	61788-32-7	0.010
XIX	189	Ethylenediamine (EDA)	107-15-3	0.010
XIX	190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	0.010
XIX	191	Dicyclohexyl phthalate (DCHP)	84-61-7	0.010
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.010
XX	193	Benzo[k]fluoranthene	207-08-9	0.010
XX	194	Fluoranthene	206-44-0	0.010
XX	195	Phenanthrene	85-01-8	0.010
XX	196	Pyrene	129-00-0	0.010
XX	197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	0.010
XXI	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides ²⁾	-	0.010
XXI	199	2-methoxyethyl acetate	110-49-6	0.010
XXI	200	4-tert-butylphenol	98-54-4	0.010
XXI	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP) ²⁾	-	0.010
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts ²⁾	-	0.010
XXII	203	Diisohexyl phthalate	71850-09-4	0.010
XXII	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.010
XXII	205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	0.010
XXIII	206	Dibutylbis(pentane-2,4-dionato-O,O')tin 2)	22673-19-4	0.010
XXIII	207	Butyl 4-hydroxybenzoate	94-26-8	0.010
XXIII	208	2-methylimidazole	693-98-1	0.010
XXIII	209	1-vinylimidazole	1072-63-5	0.010

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Batch	SN	Test Item	CAS No.	Detection Limit (%)
XXIV	210	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 diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs. Stannane, dioctyl-, bis(coco acyloxy) derivs. EC No.: 293-901-5 CAS No.: 91648-39-4 Diocetyl tin dilaurate EC No.: 222-883-3 CAS No.: 3648-18-8 2)	-	0.010
XXIV	211	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	0.010
XXV	212	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP) 2)	-	0.010
XXV	213	Orthoboric acid, sodium salt 1)	-	0.010
XXV	214	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 2)	-	0.010
XXV	215	Glutaral	111-30-8	0.010
XXV	216	4,4'-(1-methylpropylidene)bisphenol	77-40-7	0.010
XXV	217	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers 2)	-	0.010
XXV	218	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)	3296-90-0, 36483-57-5, 1522-92-5, 96-13-9	0.010
XXV	219	1,4-dioxane	123-91-1	0.010
XXVI	220	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.010
XXVI	221	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 2)	255881-94-8	0.010
XXVI	222	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.010
XXVI	223	(±)-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) 2)	-	0.010
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.010
XXVIII	225	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	-	0.010
XXVIII	226	Perfluoroheptanoic acid and its salts	-	0.010
XXVIII	227	Melamine	108-78-1	0.010
XXVIII	228	Isobutyl 4-hydroxybenzoate	4247-02-3	0.010

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Batch	SN	Test Item	CAS No.	Detection Limit (%)
XXVIII	229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.010
XXVIII	230	Barium diboron tetraoxide ¹⁾	13701-59-2	0.010
XXVIII	231	4,4'-sulphonyldiphenol	80-09-1	0.010
XXVIII	232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	0.010
XXVIII	233	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1	0.010
XXIX	234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.010
XXIX	235	Bis(4-chlorophenyl) sulphone	80-07-9	0.010
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	0.010
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.010
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.010
XXX	239	Bumetrizole (UV-326)	3896-11-5	0.010
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol ²⁾	-	0.010
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.010

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

- ¹⁾ The substances are tested in terms of its respective elements (e.g. As, Pb, Cr(VI)) and calculated based on assumption of worst-case.

- ²⁾ The test results of substances are calculated by conversion from the representative compounds.

Other Information / Remark:

According to the customer's requirement, the appointed material has been tested.

END OF THE REPORT

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