



# TEST REPORT

Report No.: SHE22090090-01E

Date: 2022-11-03

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Applicant : Yiwu DaoPeng Jewelry Factory

Address : 7th Floor, Building 3, Lisi E-Commerce Park, No. 151 Tongbao Road Yiwu City / Jinhua / Zhejiang Province /China

## Sample Information

Sample Name : Acrylic Jewelry Accessory

Sample Type/Specification : /

Sample Qty. : 1set

Sample acquisition Method : Sent by client

Manufactory : Yiwu DaoPeng Jewelry Factory

Address : 7th Floor, Building 3, Lisi E-Commerce Park, No. 151 Tongbao Road Yiwu City / Jinhua / Zhejiang Province /China

Above information and sample(s) was/were submitted and certified by/on behalf of the applicant. ICAS was not responsible for the authenticity of the sample, and quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Sample No. : E22090090-01

Date of Sample Received : 2022-10-08

Sample Test Period : 2022-10-08~2022-10-17

## Test content:

Test Address : 155 Pingbei Rd, Minhang District, Shanghai

As requested by client, SVHC screening is performed according to 221 substances in the Candidate List

Test Requested : of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) regarding Regulation (EC) No 1907/2006 concerning the REACH.

US EPA 3550C:2007; US EPA 8270E:2017; US EPA 8260D:2017; US EPA 8321B:2007; US EPA 8316A(1994); EN 14372:2004; SN/T 3694.8-2013; AFPS GS 2019:01 PAK

Test Methods : US EPA 3052:1996; US EPA 3050B:1996; US EPA 6010D :2014; IEC 62321-7-2:2017;

IEC 62321-7-1:2015; IEC 62321-5:2013; IEC 62321-8:2017; IEC 62321-6:2015

By ICP-OES, UV-VIS, GC-MS, HPLC-DAD/MS

Test Results : According to the specified scope and analytical techniques, concentrations of 211 tested SVHC are  $\leq 0.1\%$  (w/w) in the submitted sample.

ICAS TESTING TECHNOLOGY SERVICE (SHANGHAI) Co., LTD



Prepared by:

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(Xixi Weng)

Reviewed by:

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Approved by:

(Authorized signatory: Rachel Wang)



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Test part ID	NO.	Test Partment	Test Partment Material
S1	1	AC-2090D	Acrylic
	2	AC-1263B	Acrylic
	3	AC-2404-A811	Acrylic
	4	AC-1431-A66	Acrylic
	5	AC-2466A	Acrylic
	6	AC-1268C	Acrylic
	7	AC-2327-A66	Acrylic
	8	AC-2269-575	Acrylic
	9	AC-1026-A686	Acrylic
	10	AC-2438-A821	Acrylic
S2	11	AC-1218-A697	Acrylic
	12	AC-1114-A255	Acrylic
	13	AC-2220	Acrylic
	14	AC-2108-499	Acrylic
	15	AC-1908	Acrylic
	16	AC-2339-A704	Acrylic
	17	AC-2519C	Acrylic
	18	AC-2455C	Acrylic
	19	AC-2014-476	Acrylic
	20	AC-1026-A743	Acrylic



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**Test Results:**

Batch	NO.	English Name	CASNo.	RL%	Content%	
					S1	S2
I	1	4,4-Diaminodiphenylmethane(MDA)*	101-77-9	0.050	ND	ND
I	2	5-tert-butyl-2,4,6-trinitro -m-xylene(musk xylene)*	81-15-2	0.050	ND	ND
I	3	Alkanes,C10-13,chloro (Short Chain Chlorinated Paraffins) (SCCP)*	85535-84-8	0.050	ND	ND
I	4	Anthracene*	120-12-7	0.050	ND	ND
I	5	Benzyl butyl phthalate (BBP)	85-68-7	0.050	ND	ND
I	6	Bis(tributyltin) oxide (TBTO)*	56-35-9	0.050	ND	ND
I	7	Cobalt dichloride <sup>▲*</sup>	7646-79-9	0.005	ND	ND
I	8	Diarsenic pentaoxide(As <sub>2</sub> O <sub>5</sub> ) <sup>▲*</sup>	1303-28-2	0.005	ND	ND
I	9	Diarsenic trioxide(As <sub>2</sub> O <sub>3</sub> ) <sup>▲*</sup>	1327-53-3	0.005	ND	ND
I	10	HBCDD*	25637-99-4 3194-55-6/ (134237-51-7/ 134237-50-6/ 134237-52-8)	0.050	ND	ND
I	11	Lead hydrogen arsenate <sup>▲*</sup>	7784-40-9	0.005	ND	ND
I	12	Sodium dichromate dehydrate <sup>▲*</sup>	7789-12-0/ 10588-01-9	0.005	ND	ND
I	13	Triethyl arsenate*	15606-95-8	0.005	ND	ND
II	14	2,4-dinitrotoluene*	121-14-2	0.050	ND	ND
II	15	Acrylamide*	79-06-1	0.050	ND	ND
II	16	Anthracene oil*	90640-80-5	0.050	ND	ND
II	17	Anthracene oil, anthracene paste*	90640-81-6	0.050	ND	ND
II	18	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2	0.050	ND	ND
II	19	Anthracene oil, anthracene paste, distn. Lights*	91995-17-4	0.050	ND	ND
II	20	Anthracene oil, anthracene-low*	90640-82-7	0.050	ND	ND
II	21	Lead chromate <sup>▲*</sup>	7758-97-6	0.005	ND	ND
II	22	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) <sup>▲*</sup>	12656-85-8	0.005	ND	ND
II	23	Lead sulfochromate yellow (C.I. Pigment Yellow 34) <sup>▲*</sup>	1344-37-2	0.005	ND	ND
II	24	Pitch, coal tar, high temp.*	65996-93-2	0.050	ND	ND
II	25	Tris(2-chloroethyl)phosphate*	115-96-8	0.050	ND	ND
III	26	Boric acid <sup>▲*</sup>	10043-35-3/ 11113-50-1	0.005	ND	ND
III	27	Disodium tetraborate, anhydrous <sup>▲*</sup>	1330-43-4/ 12179-04-3/ 1303-96-4	0.005	ND	ND
III	28	Tetraboron disodium heptaoxide, hydrate <sup>▲*</sup>	12267-73-1	0.005	ND	ND
III	29	Sodium chromate <sup>▲*</sup>	7775-11-3	0.005	ND	ND
III	30	Potassium chromate <sup>▲*</sup>	7789-00-6	0.005	ND	ND



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Batch	NO.	English Name	CASNo.	RL%	Content%	
					S1	S2
III	31	Ammonium dichromate <sup>▲*</sup>	7789-09-5	0.005	ND	ND
III	32	Potassium dichromate <sup>▲*</sup>	7778-50-9	0.005	ND	ND
III	33	Trichloroethylene*	79-01-6	0.050	ND	ND
IV	34	2-Ethoxyethanol*	110-80-5	0.050	ND	ND
IV	35	2-Methoxyethanol*	109-86-4	0.050	ND	ND
IV	36	Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid <sup>▲*</sup>	7738-94-5/ 13530-68-2	0.005	ND	ND
IV	37	Chromium trioxide <sup>▲*</sup>	1333-82-0	0.005	ND	ND
IV	38	Cobalt(II) carbonate <sup>▲*</sup>	513-79-1	0.005	ND	ND
IV	39	Cobalt(II) diacetate <sup>▲*</sup>	71-48-7	0.005	ND	ND
IV	40	Cobalt(II) dinitrate <sup>▲*</sup>	10141-05-6	0.005	ND	ND
IV	41	Cobalt(II) sulphate <sup>▲*</sup>	10124-43-3	0.005	ND	ND
V	42	1,2,3-trichloropropane*	96-18-4	0.050	ND	ND
V	43	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich*	71888-89-6	0.050	ND	ND
V	44	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters*	68515-42-4	0.050	ND	ND
V	45	1-Methyl-2-pyrrolidone(NMP)*	872-50-4	0.050	ND	ND
V	46	2-ethoxyethyl acetate*	111-15-9	0.050	ND	ND
V	47	Hydrazine*	7803-57-8 302-01-2	0.050	ND	ND
V	48	Strontium chromate <sup>▲*</sup>	7789-06-2	0.005	ND	ND
VI	49	1,2-Dichloroethane*	107-06-2	0.050	ND	ND
VI	50	2,2'-dichloro~4,4'-methylenedianiline(MOCA) <sup>*</sup>	101-14-4	0.050	ND	ND
VI	51	2-Methoxyaniline,, o-Anisidine*	90-04-0	0.050	ND	ND
VI	52	4-(1,1,3,3-tetramethylbutyl)phenol*	140-66-9	0.050	ND	ND
VI	53	Aluminosilicate Refractory Ceramic Fibres (AI-RCF) <sup>▲*</sup>	---	0.005	ND	ND
VI	54	Arsenic acid <sup>▲*</sup>	7778-39-4	0.005	ND	ND
VI	55	Bis(2-methoxyethyl) ether*	111-96-6	0.050	ND	ND
VI	56	Bis(2-methoxyethyl) phthalate*	117-82-8	0.050	ND	ND
VI	57	Calcium arsenate <sup>▲*</sup>	7778-44-1	0.005	ND	ND
VI	58	Dichromium tris(chromate) <sup>▲*</sup>	24613-89-6	0.005	ND	ND
VI	59	Formaldehyde, oligomeric reaction products with aniline (technical MDA) <sup>*</sup>	25214-70-4	0.050	ND	ND
VI	60	Lead diazide <sup>▲*</sup>	13424-46-9	0.005	ND	ND
VI	61	Lead dipicrate <sup>▲*</sup>	6477-64-1	0.005	ND	ND
VI	62	Lead styphnate <sup>▲*</sup>	15245-44-0	0.005	ND	ND
VI	63	N,N-dimethylacetamide (DMAC)*	127-19-5	0.050	ND	ND
VI	64	Pentazine chromate octahydroxide <sup>▲*</sup>	49663-84-5	0.005	ND	ND
VI	65	Phenolphthalein*	77-09-8	0.050	ND	ND



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VI	66	Potassium hydroxyoctaoxodizincatedichromate <sup>▲*</sup>	11103-86-9	0.005	ND	ND
VI	67	Trilead diarsenate <sup>▲*</sup>	3687-31-8	0.005	ND	ND
VI	68	Zirconia Aluminosilicate Refractory Ceramic Fibres (ZrAl-RCF) <sup>▲*</sup>	---	0.005	ND	ND
VII	69	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme) <sup>*</sup>	112-49-2	0.050	ND	ND
VII	70	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME) <sup>*</sup>	110-71-4	0.050	ND	ND
VII	71	4,4'-bis(dimethylamino)-4''methylamino)trityl alcohol <sup>*</sup>	561-41-1	0.050	ND	ND
VII	72	4,4'-bis(dimethylamino)Benzophenone (Michler's Ketone) <sup>※*</sup>	90-94-8	0.050	ND	ND
VII	73	C.I. Basic Violet 3 <sup>*</sup>	548-62-9	0.050	ND	ND
VII	74	C.I. Basic Blue 26 <sup>*</sup>	2580-56-5	0.050	ND	ND
VII	75	Diboron trioxide <sup>▲*</sup>	1303-86-2	0.005	ND	ND
VII	76	Formamide <sup>*</sup>	75-12-7	0.050	ND	ND
VII	77	Lead(II) bis(methanesulfonate) <sup>▲*</sup>	17570-76-2	0.005	ND	ND
VII	78	N, N, N', N'-tetramethyl-4,4'-methylenedianiline (Michler's base) <sup>*</sup>	101-61-1	0.050	ND	ND
VII	79	C.I. Solvent Blue 4 <sup>*</sup>	6786-83-0	0.050	ND	ND
VII	80	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione(TGIC) <sup>*</sup>	2451-62-9	0.050	ND	ND
VII	81	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione(L-TGIC) <sup>*</sup>	59653-74-6	0.050	ND	ND
VIII	82	[Phthalato(2-)]dioxotrilead <sup>▲*</sup>	69011-06-9	0.005	ND	ND
VIII	83	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear <sup>*</sup>	84777-06-0	0.050	ND	ND
VIII	84	1,2-Diethoxyethane <sup>*</sup>	629-14-1	0.050	ND	ND
VIII	85	1-Bromopropane <sup>*</sup>	106-94-5	0.050	ND	ND
VIII	86	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine <sup>*</sup>	143860-04-2	0.050	ND	ND
VIII	87	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <sup>*</sup>	-	0.050	ND	ND
VIII	88	4,4'-Methylenedi-o-toluidine <sup>*</sup>	838-88-0	0.050	ND	ND
VIII	89	4,4'-Oxydianiline <sup>*</sup>	101-80-4	0.050	ND	ND
VIII	90	4-Aminoazobenzene <sup>*</sup>	60-09-3	0.050	ND	ND
VIII	91	4-Methyl-m-phenylenediamine(toluene-2,4-diamine) <sup>*</sup>	95-80-7	0.050	ND	ND
VIII	92	4-Nonylphenol, branched and linear <sup>*</sup>	-	0.050	ND	ND
VIII	93	6-Methoxy-m-toluidine(p-cresidine) <sup>*</sup>	120-71-8	0.050	ND	ND
VIII	94	Acetic acid, lead salt, basic <sup>▲*</sup>	51404-69-4	0.005	ND	ND
VIII	95	Biphenyl-4-ylamine <sup>*</sup>	92-67-1	0.050	ND	ND



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Batch	NO.	English Name	CASNo.	RL%	Content%	
					S1	S2
VIII	96	Bis(pentabromopheny I) ether (decabromodiphenyl ether)(DecaBDE)	1163-19-5	0.050	ND	ND
VIII	97	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	0.050	ND	ND
VIII	98	Diazene-1,2-dicarbox amide (C,C'-azodi(formamid e))(ADCA)*	123-77-3	0.050	ND	ND
VIII	99	Dibutyltin dichloride (DBT)*	683-18-1	0.050	ND	ND
VIII	100	Diethyl sulphate*	64-67-5	0.050	ND	ND
VIII	101	Diisopentyl phthalate*	605-50-5	0.050	ND	ND
VIII	102	Dimethyl sulphate*	77-78-1	0.050	ND	ND
VIII	103	Dinoseb*	88-85-7	0.050	ND	ND
VIII	104	Dioxobis(stearato)trilead <sup>△*</sup>	12578-12-0	0.005	ND	ND
VIII	105	Fatty acids, C16-18, lead salts <sup>△*</sup>	91031-62-8	0.005	ND	ND
VIII	106	Furan*	110-00-9	0.050	ND	ND
VIII	107	HsnicosBfluoroulldecanoic acid*	2058-94-8	0.050	ND	ND
VIII	108	Heptacosafuorotetradecanoic acid*	376-06-7	0.050	ND	ND
VIII	109	Hexahydromethylphthalic anhydride; Hexahydro-4-methylphthalic anhydride; Hexahydro-3-methylphthalic anhydride; Hexahydro-1-methylphthalic anhydride <sup>△*</sup>	25550-51-0/19438-60 -9/48122-14-1/57110- 29-9	0.050	ND	ND
VIII	110	Lead bis(tetrafluoroborate) <sup>△*</sup>	13814-96-5	0.005	ND	ND
VIII	111	Lead cyanamidate <sup>△*</sup>	20837-86-9	0.005	ND	ND
VIII	112	Lead dinitrate <sup>△*</sup>	10099-74-8	0.005	ND	ND
VIII	113	Lead monoxide <sup>△*</sup>	1317-36-8	0.005	ND	ND
VIII	114	Lead oxide sulphate <sup>△*</sup>	12036-76-9	0.005	ND	ND
VIII	115	Lead tetroxide (orange lead) <sup>△*</sup>	1314-41-6	0.005	ND	ND
VIII	116	Lead titanium trioxide <sup>△*</sup>	12060-00-3	0.005	ND	ND
VIII	117	Lead titanium zirconium oxide <sup>△*</sup>	12626-81-2	0.005	ND	ND
VIII	118	Methoxyacetic acid*	625-45-6	0.050	ND	ND
VIII	119	Propylene oxide*	75-56-9	0.050	ND	ND
VIII	120	N,N-Dimethylformamide*	68-12-2	0.050	ND	ND
VIII	121	N-Methylacetamide*	79-16-3	0.050	ND	ND
VIII	122	N-Pentyl-isopentylphthalate*	776297-69-9	0.050	ND	ND
VIII	123	o-Aminoazotoluene*	97-56-3	0.050	ND	ND
VIII	124	o-Toluidine*	95-53-4	0.050	ND	ND
VIII	125	Pentacosafuorotridecanoic acid*	72629-94-8	0.050	ND	ND
VIII	126	Pentalead tetraoxide sulphate <sup>△*</sup>	12065-90-6	0.005	ND	ND
VIII	127	Pyrochlore, antimony lead yellow <sup>△*</sup>	8012-00-8	0.005	ND	ND
VIII	128	Silicic acid, barium salt, lead-dope <sup>△*</sup>	68784-75-8	0.005	ND	ND
VIII	129	Silicic acid, lead salt <sup>△*</sup>	11120-22-2	0.005	ND	ND
VIII	130	Sulfurous acid, lead salt, dibasic <sup>△*</sup>	62229-08-7	0.005	ND	ND



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Batch	NO.	English Name	CASNo.	RL%	Content%	
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VIII	131	Tetraethyllead <sup>▲*</sup>	78-00-2	0.005	ND	ND
VIII	132	Tetralead trioxide sulphate <sup>▲*</sup>	12202-17-4	0.005	ND	ND
VIII	133	Tricosafuorododecanoic acid <sup>*</sup>	307-55-1	0.050	ND	ND
VIII	134	Trilead bis(carbonate)dihydroxide (basic lead carbonate) <sup>▲*</sup>	1319-46-6	0.005	ND	ND
VIII	135	Trilead dioxide phosphonate <sup>▲*</sup>	12141-20-7	0.005	ND	ND
IX	136	4-Nonylphenol, branched and linear, ethoxylated <sup>*</sup>	-	0.050	ND	ND
IX	137	Ammonium pentadecafluorooctanoate (APFO) <sup>*</sup>	3825-26-1	0.050	ND	ND
IX	138	Cadmium	7440-43-9	0.005	ND	ND
IX	139	Cadmium oxide <sup>▲*</sup>	1306-19-0	0.005	ND	ND
IX	140	Dipentyl phthalate (DPP) <sup>*</sup>	131-18-0	0.050	ND	ND
IX	141	Pentadecafluorooctanoic acid (PFOA) <sup>*</sup>	335-67-1	0.050	ND	ND
X	142	Cadmium sulphide <sup>▲*</sup>	1306-23-6	0.005	ND	ND
X	143	Dihexyl phthalate <sup>*</sup>	84-75-3	0.050	ND	ND
X	144	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) <sup>*</sup>	573-58-0	0.050	ND	ND
X	145	Disodium 4-amino-3-[[4-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38) <sup>*</sup>	1937-37-7	0.050	ND	ND
X	146	Imidazolidine-2-thione <sup>*</sup>	96-45-7	0.050	ND	ND
X	147	Lead di(acetate) <sup>▲*</sup>	301-04-2	0.005	ND	ND
X	148	Trixylyl phosphate <sup>*</sup>	25155-23-1	0.050	ND	ND
XI	149	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear <sup>*</sup>	68515-50-4	0.050	ND	ND
XI	150	Cadmium chloride <sup>▲*</sup>	10108-64-2	0.005	ND	ND
XI	151	Sodium perborate; perboric acid, sodium salt <sup>□*</sup>	15120-21-5 11138-47-9	0.005	ND	ND
XI	152	Sodium peroxometaborate <sup>□*</sup>	7632-04-4	0.005	ND	ND
XII	153	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) <sup>*</sup>	25973-55-1	0.050	ND	ND
XII	154	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol <sup>*</sup>	3846-71-7	0.050	ND	ND
XII	155	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate <sup>*</sup>	15571-58-1	0.050	ND	ND
XII	156	Cadmium fluoride <sup>▲*</sup>	7790-79-6	0.005	ND	ND
XII	157	Cadmium sulphate <sup>▲*</sup>	10124-36-4 31119-53-6	0.005	ND	ND



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XII	158	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-tannatetradecanoate (Reaction mass of DOTE and MOTE)*	-	0.050	ND	ND
XIII	159	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with ≥ 0.3% of dihexyl phthalate*	68515-51-5 68648-93-1	0.050	ND	ND
XIII	160	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]*	-	0.050	ND	ND
XIV	161	1,3-propanesultone*	1120-71-4	0.050	ND	ND
XIV	162	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)*	3864-99-1	0.050	ND	ND
XIV	163	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)*	36437-37-3	0.050	ND	ND
XIV	164	Nitrobenzene*	98-95-3	0.050	ND	ND
XIV	165	Perfluorononanoic acid and its sodium and ammonium salts*	375-95-1 21049-39-8 4149-60-4	0.050	ND	ND
XV	166	Benzo[def]chrysene (Benzo[a]pyrene)*	50-32-8	0.050	ND	ND
XVI	167	4,4'-(1-Methylethylidene)bispheno(BPA)*	80-05-7	0.050	ND	ND
XVI	168	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts*	335-76-2 3108-42-7 3830-45-3	0.050	ND	ND
XVI	169	4-heptylphenol, branched and linear*	/	0.050	ND	ND
XVI	170	4-tert-pentylphenol(PTAP)*	80-46-6	0.050	ND	ND
XVII	171	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)*	355-46-4	0.050	ND	ND
XVIII	172	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) [covering any of its individual anti- and syn-isomers or any combination thereof]*	13560-89-9 135821-74-8 135821-03-3	0.050	ND	ND
XVIII	173	Benz[a]anthracene*	56-55-3	0.050	ND	ND
XVIII	174	Cadmium nitrate <sup>▲</sup> *	10325-94-7	0.005	ND	ND
XVIII	175	Cadmium carbonate <sup>▲</sup> *	513-78-0	0.005	ND	ND
XVIII	176	Cadmium hydroxide <sup>▲</sup> *	21041-95-2	0.005	ND	ND
XVIII	177	Chrysene*	218-01-9	0.050	ND	ND





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Batch	NO.	English Name	CASNo.	RL%	Content%	
					S1	S2
X VIII	178	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]*	/	0.050	ND	ND
X IV	179	Octamethylcyclotetrasiloxane (D4) <sup>▲*</sup>	556-67-2	0.005	ND	ND
X IX	180	Decamethylcyclopentasiloxane(D5) <sup>▲*</sup>	541-02-6	0.005	ND	ND
X IX	181	Dodecamethylcyclohexasiloxane(D6) <sup>▲*</sup>	540-97-6	0.005	ND	ND
X IX	182	Lead <sup>▲</sup>	7439-92-1	0.005	ND	ND
X IX	183	Disodium octaborate <sup>▲*</sup>	12008-41-2	0.005	ND	ND
X IX	184	Benzo[ghi]perylene*	191-24-2	0.050	ND	ND
X IX	185	Terphenyl, hydrogenated*	61788-32-7	0.050	ND	ND
X IX	186	Ethylenediamine*	107-15-3	0.050	ND	ND
X IX	187	litic anhydride(TMA)*	552-30-7	0.050	ND	ND
X IX	188	Dicyclohexyl phthalate(DCHP)*	84-61-7	0.050	ND	ND
X X	189	2,2-bis(4'-hydroxyphenyl)-4-methylpentane*	6807-17-6	0.050	ND	ND
X X	190	Benzo[k]fluoranthene*	207-08-9	0.050	ND	ND
X X	191	Fluoranthene*	206-44-0	0.050	ND	ND
X X	192	Phenanthrene*	85-01-8	0.050	ND	ND
X X	193	Pyrene*	129-00-0	0.050	ND	ND
X X	194	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one*	15087-24-8	0.050	ND	ND
XXI	195	4-tert-butylphenol (PTBP)*	98-54-4	0.050	ND	ND
XXI	196	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)*	/	0.050	ND	ND
XXI	197	2-methoxyethyl acetate*	110-49-6	0.050	ND	ND
XXI	198	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)*	/	0.050	ND	ND
XXII	199	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone*	119313-12-1	0.050	ND	ND
XXII	200	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one*	71868-10-5	0.050	ND	ND
XXII	201	Diisohexyl phthalate*	71850-09-4	0.050	ND	ND
XXII	202	Perfluorobutane sulfonic acid (PFBS) and its salts*	/	0.050	ND	ND
XXIII	203	1-vinylimidazole*	1072-63-5	0.050	ND	ND
XXIII	204	2-methylimidazole*	693-98-1	0.050	ND	ND
XXIII	205	Butyl 4-hydroxybenzoate*	94-26-8	0.050	ND	ND



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Batch	NO.	English Name	CASNo.	RL%	Content%	
					S1	S2
XXIII	206	Dibutylbis (pentane-2,4-dionato-O,O')tin*	22673-19-4	0.050	ND	ND
XXIV	207	Bis(2-(2-methoxyethoxy)ethyl) ether*	143-24-8	0.050	ND	ND
XXIV	208	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*	/	0.050	ND	ND
XXV	209	1,4-dioxane*	123-91-1	0.050	ND	ND
XXV	210	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)*	/	0.050	ND	ND
XXV	211	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers*	/	0.050	ND	ND
XXV	212	4,4'-(1-methylpropylidene)bisphenol*	77-40-7	0.050	ND	ND
XXV	213	glutaral*	111-30-8	0.050	ND	ND
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*	/	0.050	ND	ND
XXV	215	orthoboric acid, sodium salt <sup>▲</sup> *	/	0.050	ND	ND
XXV	216	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)*	/	0.050	ND	ND
XXVI	217	(±)-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)*	/	0.050	ND	ND
XXVI	218	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)*	119-47-1	0.050	ND	ND
XXVI	219	S-(tricyclo[5.2.1.0' <sup>2</sup> ,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate*	255881-94-8	0.050	ND	ND
XXVI	220	Tris(2-methoxyethoxy)vinylsilane*	1067-53-4	0.050	ND	ND
XXVII	221	N-(hydroxymethyl)acrylamide*	924-42-5	0.050	ND	ND

Note:

1. RL = Reporting Limit. All RL are based on homogenous material. ND = Not detected (lower than RL), ND is denoted on the SVHC substance.

2. ▲ The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario.

3. RL = 0.005% is evaluated for element (i.e. silicium, cobalt, arsenic, lead, chromium (VI), aluminum, zirconium, boron,



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strontium, zinc, antimony, cadmium, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025% (only for Lead bis(tetrafluoroborate)).

4. □ Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.

5. ρ CAS No. of diastereoisomers identified (a-HBCDD, p-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.

6. ☆ CAS No. of 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; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.

7. ※ 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).

8. N.A.=Not Applicable



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## 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.

## 2. Concerning article(s):

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).

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.

## 3. 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.

## 4. 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 No 790/2009, 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 dangerous according Dangerous Preparations Directive 1999/45/EC or classified as hazardous under the CLP Regulation (EC) No 1272/2008, when their concentrations are equal to, or greater than, those defined in the Article 3(3) of 1999/45/EC or the lower values given in Part 3 of Annex VI of Regulation (EC) No.1272/2008;or

-a mixture is not classified as dangerous under Directive 1999/45/EC, but contains either:

(a) a substance posing human health or environmental hazards in an individual concentration of  $\geq 1$  % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or  $\geq 0.2$  % by volume for gaseous mixtures; or

(b) a substance that is PBT, or vPvB in an individual concentration of  $\geq 0.1$  % 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  $\geq 0.1$  % by weight for non-gaseous mixtures; or

(d) a substance for which there are Europe-wide workplace exposure limits.

5. If a SVHC is found over the reporting limit, 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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Sample Photo(s)



This photo is limited to ICAS used this report

\*\*\*End of the report\*\*\*



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