



Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 1 of 15

Applicant : Ropla Elektronik Sp. z o. o.
Address : ul. Wrocławska 1C, 52-200 Suchy Dwór

Manufacturer : Ropla Elektronik Sp. z o. o.
Address : ul. Wrocławska 1C, 52-200 Suchy Dwór

Sample Name : Film Capacitors

Sample Model : AC & Pulse, AC filtering, DC-link, PFC, RC Snubber, RC X2, Motor Run, Snubber, Standard, Switching, X1, X1/Y2, X2, X2 (series connection), Y2.

Series Models : All Akyga passive film capacitors

Receiving Date : Sep 12, 2023

Testing Period : Sep 12, 2023 to Sep 18, 2023

Test Requested : As requested by applicant, SVHC screening is performed according to Two hundred and thirty-five (235) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Jun 14, 2023 regarding Regulation (EC) No 1907/2006 concerning the REACH.

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

Test Results : Please refer to next page(s)

Conclusion :

According to the specified scope and evaluation screening, the test results of SVHC are $\leq 0.1\%$ (w/w) in the submitted sample. REACH Regulation (EC) No 1907/2006	PASS
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Edited by: Python Zeng Reviewed by: Camile Li Approved by: Terry Cao

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 2 of 15

Sample Description

Group No.	Part No.	Part Description	Part No.	Part Description
A1	2	Grey material	3	Black material
	4	Transparent plastic (Capacitor)	7	Grey material
	8	Black material	9	Transparent plastic (Capacitor)
	12	Black material	13	Grey material
	14	Transparent plastic (Capacitor)	17	Grey material
	18	Black material	19	Transparent plastic (Capacitor)
	22	Grey material	23	Black material
	24	Transparent plastic (Capacitor)	---	---
A2	1	Silvery metal pin	5	Aluminum foil (Capacitor)
	6	Silvery metal pin	10	Aluminum foil (Capacitor)
	11	Silvery metal pin	15	Aluminum foil (Capacitor)
	16	Silvery metal pin	20	Aluminum foil (Capacitor)
	21	Silvery metal pin	25	Aluminum foil (Capacitor)

Test Results

Batch	Substance Name	Test Result (%)		RL (%)
		A1	A2	
---	All tested SVHC in candidate list	ND	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. ND = Not detected (lower than RL) (RL = Reporting Limit) , test data will be shown if it \geq RL, RL is not regulatory limit.
3. * The test result is based on the calculation of selected element(s) and to the worst-case scenario.
** The test result is based on the calculation of selected marker(s) and to the worst-case scenario.
4. RL = 0.005% is evaluated for element (cobalt, arsenic, lead, chromium, aluminum, zirconium, boron, strontium, zinc, antimony, titanium, barium, molybdenum and cadmium).
5. Calculated concentration of boric compounds are based on the water extractive boron by ICP-OES.

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 3 of 15

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/web/guest/candidate-list-table>
These lists are under evaluation by ECHA and may be 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).
 - 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 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 $\geq 1\%$ 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.
3. 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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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 4 of 15

Appendix (Full list of tested SVHC)

Batch	No.	Substance Name	CAS No.	RL (%)
I	1	Anthracene	120-12-7	0.050
I	2	4,4'-Diaminodiphenylmethane (MDA)	101-77-9	0.050
I	3	Dibutyl phthalate (DBP)	84-74-2	0.050
I	4	Cobalt dichloride*	7646-79-9	0.005
I	5	Diarsenic pentaoxide*	1303-28-2	0.005
I	6	Diarsenic trioxide*	1327-53-3	0.005
I	7	Sodium dichromate*	7789-12-0, 10588-01-9	0.005
I	8	5-Tert-butyl-2,4,6-trinitro- m-xylene (musk xylene)	81-15-2	0.050
I	9	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	0.050
I	10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4, 3194-55-6	0.050
I	11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	0.050
I	12	Bis(tributyltin) oxide (TBTO)	56-35-9	0.050
I	13	Lead hydrogen arsenate*	7784-40-9	0.005
I	14	Benzyl butyl phthalate (BBP)	85-68-7	0.050
I	15	Triethyl arsenate*	15606-95-8	0.005
II	16	Anthracene oil**	90640-80-5	0.050
II	17	Anthracene oil, anthracene paste, distn. lights**	91995-17-4	0.050
II	18	Anthracene oil, anthracene paste, anthracene fraction**	91995-15-2	0.050
II	19	Anthracene oil, anthracene-low**	90640-82-7	0.050
II	20	Anthracene oil, anthracene paste**	90640-81-6	0.050
II	21	Pitch, coal tar, high temp.**	65996-93-2	0.050
II	22	Acrylamide	79-06-1	0.050
II	23	2,4-Dinitrotoluene	121-14-2	0.050
II	24	Diisobutyl phthalate (DIBP)	84-69-5	0.050
II	25	Lead chromate*	7758-97-6	0.005
II	26	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) *	12656-85-8	0.005
II	27	Lead sulfochromate yellow (C.I. Pigment Yellow 34) *	1344-37-2	0.005
II	28	Tris(2-chloroethyl) phosphate	115-96-8	0.050
III	29	Trichloroethylene	79-01-6	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 5 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
III	30	Boric acid*	10043-35-3, 11113-50-1	0.005
III	31	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	0.005
III	32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	0.005
III	33	Sodium chromate*	7775-11-3	0.005
III	34	Potassium chromate*	7789-00-6	0.005
III	35	Ammonium dichromate*	7789-09-5	0.005
III	36	Potassium dichromate*	7778-50-9	0.005
IV	37	Cobalt(II) sulphate*	10124-43-3	0.005
IV	38	Cobalt(II) dinitrate*	10141-05-6	0.005
IV	39	Cobalt(II) carbonate*	513-79-1	0.005
IV	40	Cobalt(II) diacetate*	71-48-7	0.005
IV	41	2-Methoxyethanol	109-86-4	0.050
IV	42	2-Ethoxyethanol	110-80-5	0.050
IV	43	Chromium trioxide*	1333-82-0	0.005
IV	44	Chromic acid, dichromic acid, oligomers of chromic acid and dichromic acid*	7738-94-5, 13530-68-2	0.005
V	45	2-Ethoxyethyl acetate	111-15-9	0.050
V	46	Strontium chromate*	7789-06-2	0.005
V	47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	0.050
V	48	Hydrazine	302-01-2, 7803-57-8	0.050
V	49	1-Methyl-2-pyrrolidone	872-50-4	0.050
V	50	1,2,3-Trichloropropane	96-18-4	0.050
V	51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.050
VI	52	Dichromium tris(chromate) *	24613-89-6	0.005
VI	53	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.005
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	0.005
VI	55	Aluminosilicate refractory ceramic fibres*	--	0.005
VI	56	Zirconia aluminosilicate refractory ceramic fibres*	--	0.005
VI	57	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	0.050
VI	58	Bis (2-methoxyethyl) phthalate (DMEP)	117-82-8	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 6 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
VI	59	2-Methoxyaniline (o-Anisidine)	90-04-0	0.050
VI	60	4-(1,1,3,3-tetramethylbutyl) phenol (4-tert-Octylphenol)	140-66-9	0.050
VI	61	1,2-Dichloroethane	107-06-2	0.050
VI	62	Bis(2-methoxyethyl) ether	111-96-6	0.050
VI	63	Arsenic acid*	7778-39-4	0.005
VI	64	Calcium arsenate*	7778-44-1	0.005
VI	65	Trilead diarsenate*	3687-31-8	0.005
VI	66	N,N-Dimethylacetamide	127-19-5	0.050
VI	67	2,2'-Dichloro-4,4'-methylenedianiline	101-14-4	0.050
VI	68	Phenolphthalein	77-09-8	0.050
VI	69	Lead diazide, Lead azide*	13424-46-9	0.005
VI	70	Lead styphnate*	15245-44-0	0.005
VI	71	Lead dipicrate*	6477-64-1	0.005
VII	72	1,2-Bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	0.050
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.050
VII	74	Diboron trioxide*	1303-86-2	0.005
VII	75	Formamide	75-12-7	0.050
VII	76	Lead(II) bis(methanesulfonate) *	17570-76-2	0.005
VII	77	(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6-(1H,3H,5H) -trione) (TGIC)	2451-62-9	0.050
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	0.050
VII	79	4,4'-Bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.050
VII	80	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.050
VII	81	[4-[4,4'-Bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	0.050
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	0.050
VII	83	α,α -Bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	0.050
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino) trityl alcohol	561-41-1	0.050
VIII	85	Decabromodiphenyl ether (DecaBDE)	1163-19-5	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 7 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
VIII	86	Pentacosfluorotridecanoic acid	72629-94-8	0.050
VIII	87	Tricosfluorododecanoic acid	307-55-1	0.050
VIII	88	Henicosfluoroundecanoic acid	2058-94-8	0.050
VIII	89	Heptacosfluorotetradecanoic acid	376-06-7	0.050
VIII	90	4-(1,1,3,3-Tetramethylbutyl) phenol, ethoxylated	---	0.050
VIII	91	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	---	0.050
VIII	92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	0.050
VIII	93	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
VIII	94	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	0.050
VIII	95	Methoxyacetic acid	625-45-6	0.050
VIII	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.050
VIII	97	Diisopentylphthalate (DIPP)	605-50-5	0.050
VIII	98	N-Pentyl-isopentylphthalate	776297-69-9	0.050
VIII	99	1,2-Diethoxyethane	629-14-1	0.050
VIII	100	N,N-dimethylformamide	68-12-2	0.050
VIII	101	Dibutyltin dichloride (DBTC)	683-18-1	0.050
VIII	102	Acetic acid, lead salt, basic*	51404-69-4	0.005
VIII	103	Basic lead carbonate *	1319-46-6	0.005
VIII	104	Basic lead sulfate (Lead oxide sulfate) *	12036-76-9	0.005
VIII	105	[Phthalato(2-)] dioxotrilead (Dibasic lead phthalate) *	69011-06-9	0.005
VIII	106	Dioxobis(stearato) trilead*	12578-12-0	0.005
VIII	107	Fatty acids, C16-18, lead salts*	91031-62-8	0.005
VIII	108	Lead bis(tetrafluoroborate) *	13814-96-5	0.005
VIII	109	Lead cyanamidate*	20837-86-9	0.005
VIII	110	Lead dinitrate*	10099-74-8	0.005
VIII	111	Lead monoxide*	1317-36-8	0.005

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 8 of 15

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VIII	112	Lead tetroxide (orange lead) *	1314-41-6	0.005
VIII	113	Lead titanium trioxide*	12060-00-3	0.005
VIII	114	Lead titanium zirconium oxide*	12626-81-2	0.005
VIII	115	Pentalead tetraoxide sulphate*	12065-90-6	0.005
VIII	116	Pyrochlore, antimony lead yellow (C.I. Pigment Yellow 41)*	8012-00-8	0.005
VIII	117	Silicic acid, barium salt, lead-doped*	68784-75-8	0.005
VIII	118	Silicic acid, lead salt*	11120-22-2	0.005
VIII	119	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.005
VIII	120	Tetraethyllead*	78-00-2	0.005
VIII	121	Tetralead trioxide sulphate*	12202-17-4	0.005
VIII	122	Trilead dioxide phosphonate*	12141-20-7	0.005
VIII	123	Furan	110-00-9	0.050
VIII	124	Methyloxirane (Propylene oxide)	75-56-9	0.050
VIII	125	Diethyl sulphate	64-67-5	0.050
VIII	126	Dimethyl sulphate	77-78-1	0.050
VIII	127	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.050
VIII	128	Dinoseb	88-85-7	0.050
VIII	129	4,4'-Methylenedi-o-toluidine	838-88-0	0.050
VIII	130	4,4'-Oxydianiline and its salts	101-80-4	0.050
VIII	131	4-Aminoazobenzene	60-09-3	0.050
VIII	132	4-Methyl-m-phenylenediamine	95-80-7	0.050
VIII	133	6-Methoxy-m-toluidine	120-71-8	0.050
VIII	134	Biphenyl-4-ylamine	92-67-1	0.050
VIII	135	o-Aminoazotoluene	97-56-3	0.050
VIII	136	o-Toluidine	95-53-4	0.050
VIII	137	N-Methylacetamide	79-16-3	0.050
VIII	138	1-Bromopropane	106-94-5	0.050
IX	139	Cadmium*	7440-43-9	0.005
IX	140	Cadmium oxide*	1306-19-0	0.005
IX	141	Dipentyl phthalate (DPP)	131-18-0	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 9 of 15

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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]	---	0.050
IX	143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.050
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.050
X	145	Cadmium sulphide*	1306-23-6	0.005
X	146	Dihexyl phthalate	84-75-3	0.050
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	0.050
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	0.050
X	149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.050
X	150	Lead di(acetate) *	301-04-2	0.005
X	151	Trixylyl phosphate	25155-23-1	0.050
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.050
XI	153	Cadmium chloride*	10108-64-2	0.005
XI	154	Sodium perborate; perboric acid, sodium salt*	---	0.005
XI	155	Sodium peroxometaborate*	7632-04-4	0.005
XII	156	Cadmium fluoride*	7790-79-6	0.005
XII	157	Cadmium sulphate*	10124-36-4, 31119-53-6	0.005
XII	158	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.050
XII	159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.050
XII	160	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	0.050
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)	---	0.050
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mix decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate	68515-51-5, 68648-93-1	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 10 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
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]	---	0.050
XIV	164	Nitrobenzene	98-95-3	0.050
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.050
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.050
XIV	167	1,3-Propanesultone	1120-71-4	0.050
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	0.050
XV	169	Benzo[a]pyrene	50-32-8	0.050
XVI	170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	0.050
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7, 335-76-2, 3830-45-3	0.050
XVI	172	p-(1,1-Dimethylpropyl) phenol	80-46-6	0.050
XVI	173	4-Heptylphenol, branched and linear	---	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	---	0.050
XVIII	175	Cadmium dinitrate*	10325-94-7, 10022-68-1	0.050
XVIII	176	Cadmium carbonate*	513-78-0	0.050
XVIII	177	Cadmium hydroxide*	21041-95-2	0.050
XVIII	178	Chrysene	218-01-9, 1719-03-5	0.050
XVIII	179	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
XVIII	180	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)	552-30-7	0.050
XVIII	181	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]	---	0.050
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (Trimellitic anhydride) (TMA)	552-30-7	0.050
XIX	183	Benzo[ghi]perylene	191-24-2	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 11 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
XIX	184	Decamethylcyclopentasiloxane (D5)	541-02-6	0.050
XIX	185	Dicyclohexyl phthalate (DCHP)	84-61-7	0.050
XIX	186	Disodium octaborate*	12008-41-2	0.005
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.050
XIX	188	Ethylenediamine (EDA)	107-15-3	0.050
XIX	189	Lead*	7439-92-1	0.005
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.050
XIX	191	Terphenyl, hydrogenated	61788-32-7	0.050
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidenecamphor).	15087-24-8	0.050
XX	193	2,2-bis(4'-hydroxyphenyl)-4- methylpentane	6807-17-6	0.050
XX	194	Benzo[k]fluoranthene	207-08-9	0.050
XX	195	Fluoranthene	206-44-0	0.050
XX	196	Phenanthrene	85-01-8	0.050
XX	197	Pyrene	129-00-0	0.050
XXI	198	2-methoxyethyl acetate	110-49-6	0.050
XXI	199	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
XXI	200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP).	---	0.050
XXI	201	4-tert-butylphenol (PTBP)	98-54-4	0.050
XXII	202	Diisohexyl phthalate	71850-09-4	0.050
XXII	203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	---	0.050
XXII	204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	0.050
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	---	0.050
XXIII	206	1-vinylimidazole	1072-63-5	0.050
XXIII	207	2-methylimidazole	693-98-1	0.050
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.050
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	0.050
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	0.050
XXIV	211	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	3648-18-8 91648-39-4	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 12 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
XXV	212	1,4-dioxane	123-91-1	0.050
XXV	213	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 96-13-9 1522-92-5	0.050
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	---	0.050
XXV	215	4,4'-(1-methylpropylidene)bisphenol (Bisphenol B)	77-40-7	0.050
XXV	216	Glutaral	111-30-8	0.050
XXV	217	Medium-chain chlorinated paraffins (MCCPs) 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
XXV	218	Orthoboric acid, sodium salt*	---	0.005
XXV	219	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
XXVI	220	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.050
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	255881-94-8	0.050
XXVI	222	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.050
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)	---	0.050
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.050
XXVIII	225	Melamine	108-78-1	0.050
XXVIII	226	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene] (BTBPE)	37853-59-1	0.050
XXVIII	227	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol (TBBP-A)	79-94-7	0.050
XXVIII	228	4,4'-sulphonyldiphenol (BPS)	80-09-1	0.050
XXVIII	229	Barium diboron tetraoxide*	13701-59-2	0.005
XXVIII	230	Bis(2-ethylhexyl) Tetrabromophthalate covering any of the individual isomers and/or combinations thereof (TBPH)	---	0.050
XXVIII	231	Isobutyl 4-hydroxybenzoate	4247-02-3	0.050
XXVIII	232	Perfluoroheptanoic acid (PFHpA) and its salts	---	0.050

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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 13 of 15

Batch	No.	Substance Name	CAS No.	RL (%)
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	---	0.050
XXIX	234	Bis (4-chlorophenyl) sulphone	80-07-9	0.050
XXIX	235	Diphenyl (2, 4, 6-trimethylbenzoyl) phosphine oxide	75980-60-8	0.050

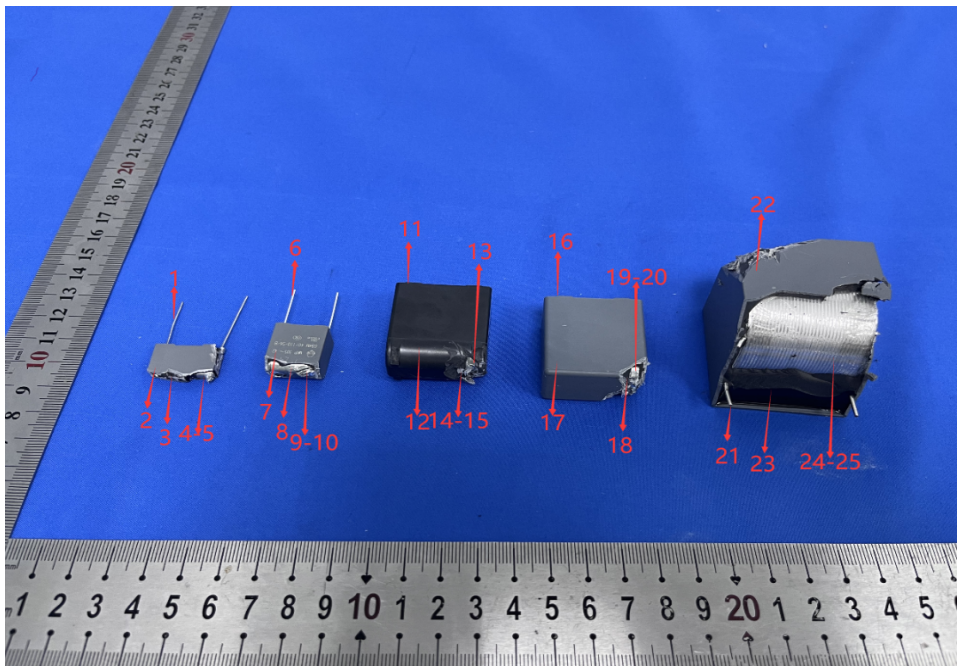
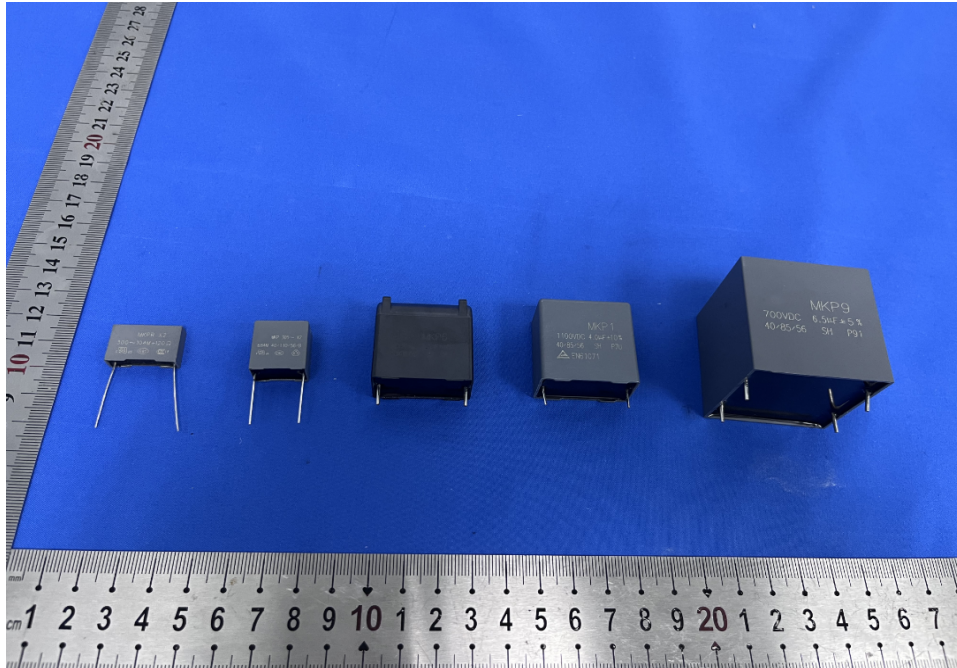
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Sample Photo(s)



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Test Report

Report No.: DSP23090335-1

Date: Sep 18, 2023

Page 15 of 15

Statement

1. Report is invalid without the editor, the reviewer or the approver signature, or altered, or additions and deletions, or not stamped with a special seal.
2. This test report is only responsible for the sample of this acceptance.
3. If the applicant does not raise any objection within 15 working days after receiving the report, it shall be deemed to approve the report result.

* * * End of report * * *

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