

TEST REPORT

Applicant: CHAN YUEN TAI METAL LTD
UNIT 1, 3/F, GOODVIEW IND BLDG,
11 KIN FAT STREET, TUEN MUN
NT. HONG KONG
Attn: MS FUNG

Number: HKGH03133401

Date: May 31, 2024

Sample and Information provided by customer :
Item Name : **ELECTROLYTIC TIN PLATE**
Model No. : **72101200**
Quantity : 2 pieces
Country of Origin : China

For and on behalf of :
Intertek Testing Services HK Ltd.



Dorothy M.Y. Lau
Vice President



Page 1 of 16

TEST REPORT

Number : HKGH03133401

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) RoHS Directive (2011/65/EU) - Chemical test	Pass
(2) RoHS Directive (2011/65/EU) and amendment Commission Delegated Directive (EU) 2015/863 - Phthalate content	Not Applicable
(3) EU REACH Regulation (EC) No 1907/2006 Article 33(1) - Obligation to provide information of safe use (see REACH requirement in report for details)	Pass
EU Waste Framework Directive (WFD) 2008/98/EC and amendment (EU) 2018/851 Article 9 1. (i) – SCIP Notification (see WFD requirement in report for details)	Pass

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc..>
If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



Page 2 of 16



TEST REPORT

Number : HKGH03133401

(1) RoHS Chemical Test

(A) Result

:

Metallic material:

	Result
	(1)
Cadmium (Cd) Content (mg/kg)	ND
Lead (Pb) Content (mg/kg)	ND
Mercury (Hg) Content (mg/kg)	ND
Chromium (VI) Content (mg/kg) (For Non-metal)	--
Chromium (VI) Result (By boiling water extraction on metal) (µg/cm ²)	<0.10
Monobromobiphenyl (MonoBB) (mg/kg)	NA
Dibromobiphenyl (DiBB) (mg/kg)	NA
Tribromobiphenyl (TriBB) (mg/kg)	NA
Tetrabromobiphenyl (TetraBB) (mg/kg)	NA
Pentabromobiphenyl (PentaBB) (mg/kg)	NA
Hexabromobiphenyl (HexaBB) (mg/kg)	NA
Heptabromobiphenyl (HeptaBB) (mg/kg)	NA
Octabromobiphenyl (OctaBB) (mg/kg)	NA
Nonabromobiphenyl (NonaBB) (mg/kg)	NA
Decabromobiphenyl (DecaBB) (mg/kg)	NA
Sum of Polybrominated Biphenyls (PBBs) (mg/kg)	NA
Monobromodiphenyl Ether (MonoBDE) (mg/kg)	NA
Dibromodiphenyl Ether (DiBDE) (mg/kg)	NA
Tribromodiphenyl Ether (TriBDE) (mg/kg)	NA
Tetrabromodiphenyl Ether (TetraBDE) (mg/kg)	NA
Pentabromodiphenyl Ether (PentaBDE) (mg/kg)	NA
Hexabromodiphenyl Ether (HexaBDE) (mg/kg)	NA
Heptabromodiphenyl Ether (HeptaBDE) (mg/kg)	NA
Octabromodiphenyl Ether (OctaBDE) (mg/kg)	NA
Nonabromodiphenyl Ether (NonaBDE) (mg/kg)	NA



TEST REPORT

Number : HKGH03133401

	Result
Decabromodiphenyl Ether (DecaBDE) (mg/kg)	NA
Sum of Polybrominated Diphenyl Ethers (PBDEs) (mg/kg)	NA

mg/kg = milligram per kilogram

ND = Not detected

NA = Not applicable



Page 4 of 16

TEST REPORT

Number : HKGH03133401

(B) RoHS requirements

Restricted substances	Limits
Cadmium (Cd)	0.01% (100 ppm)
Lead (Pb)	0.1% (1000 ppm)
Mercury (Hg)	0.1% (1000 ppm)
Chromium (VI) (Cr ⁶⁺)	0.1% (1000 ppm)
Polybrominated biphenyls (PBBs)	0.1% (1000 ppm)
Polybrominated diphenyl ethers (PBDEs)	0.1% (1000 ppm)

The above limits were quoted from Annex II of 2011/65/EU.

(C) Test Methods

Testing Item	Testing Method	Reporting Limit
Cadmium (Cd) Content	With reference to IEC 62321-5 edition 1.0 : 2013, by acid digestion and determined by ICP-OES	10 mg/kg
Lead (Pb) Content	With reference to IEC 62321-5 edition 1.0 : 2013, by acid digestion and determined by ICP-OES	10 mg/kg
Mercury (Hg) Content	With reference to IEC 62321-4 edition 1.0 : 2013+AMD1:2017, by acid digestion and determined by ICP-OES	10 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Non-Metal)	With reference to IEC 62321-7-2 : 2017, by alkaline digestion and determined by UV-VIS spectrophotometer	5 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Leather)	With reference to ISO 17075-1 : 2017, by phosphate butter extraction and determined by UV-VIS spectrophotometer	1 mg/kg
Chromium (VI) (Cr ⁶⁺) Content (For Metal)	With reference to IEC 62321-7-1 : 2015, by boiling water extraction and determined by UV-VIS spectrophotometer	0.1 µg/cm ²
Polybrominated Biphenyls (PBBs) & Polybrominated Diphenyl Ethers (PBDEs)	With reference to IEC 62321-6 : 2015, by solvent extraction and determined by GC/MS.	20 mg/kg

The explanation of Chromium (VI) (Cr⁶⁺) analysis result (For Metal)



Page 5 of 16

TEST REPORT

Number : HKGH03133401

Colorimetric result	Qualitative result	Explanation
$< 0.10 \mu\text{g}/\text{cm}^2$	Negative	The result of sample is negative for Cr (VI). The sample coating is considered a non-Cr(VI) based coating.
$\geq 0.10 \mu\text{g}/\text{cm}^2$ and $\leq 0.13 \mu\text{g}/\text{cm}^2$	Inconclusive	The result of sample is considered to be inconclusive. If addition samples are available, recommend to add trials and get the average result for the final determination.
$> 0.13 \mu\text{g}/\text{cm}^2$	Positive	The result of sample is positive for Cr(VI). The sample coating is considered to contain Cr(VI). A result expresses as positive, while not an actual value, which indicates a visual observation was used.

Tested Component:

(1) Silver color metal (electrolytic tin plate).

Date sample received : May 23, 2024

Test Period : May 23, 2024 to May 29, 2024



Page 6 of 16

TEST REPORT

Number : HKGH03133401

(2) Phthalate Content Test

Test Method : IEC 62321-8:2017, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Assessment: Not Applicable

Date sample received : May 23, 2024

Testing period : May 23, 2024 to May 29, 2024



Page 7 of 16



TEST REPORT

Number : HKGH03133401

(3) SVHC Screening Test

Test Method : By a combination of X-Ray Fluorescence Spectroscopy, Inductively Coupled Argon Plasma Spectrometry, Gas Chromatographic - Mass Spectrometry and Liquid Chromatographic - Mass Spectrometry techniques.

Composite test result

Chemical substances	Group	Composite of tested components	Results^ %(w/w)
All SVHC substances	A	(1)	<0.1

Remark : SVHC = Substance of Very High Concern

^ Results were calculated with the minimum sample size of the component in the total composite and based on assumption of worst case.

Δ = Determination was based on elemental analysis.

+ = Determination was based on screening of Michler's ketone and Michler's base. As more than 0.1% of Michler's ketone and Michler's base was found in the sample, the sample may contain more than 0.1% of this SVHC compound.

++ = Determination was based on organotin confirmation

REACH requirement : As per Article 33(1) of the REACH Regulation (EC1907/2006), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1%(w/w). A product meets the requirement of Article 33(1) by default when no SVHC exceeds 0.1%(w/w).

WFD requirement : As per Article 9 1. (i) of the Waste Framework Directive (WFD) 2008/98/EC and amendment (EU) 2018/851, companies supplying articles containing SVHC above 0.1%(w/w) shall submit information on these articles to the European Chemicals Agency as from 5 January 2021 (SCIP - Substances of Concern In articles as such or in complex objects (Products) Notification).

Tested Component :

(1) Silver color metal (electrolytic tin plate) .

Date sample received : May 23, 2024

Testing period : May 23, 2024 to May 31, 2024



Page 8 of 16

TEST REPORT

Number : HKGH03133401

Appendix 1

Full list of SVHC

(Candidate list promulgated by European Chemicals Agency (ECHA) before and on Jan 23, 2024)

No.	Chemical Substances	EC No.	CAS No.
1	Anthracene	204-371-1	120-12-7
2	4,4'-Diaminodiphenylmethane	202-974-4	101-77-9
3	Dibutyl phthalate/ DBP	201-557-4	84-74-2
4	Cobalt dichloride Δ	231-589-4	7646-79-9
5	Diarsenic pentaoxide Δ	215-116-9	1303-28-2
6	Diarsenic trioxide Δ	215-481-4	1327-53-3
7	Sodium dichromate Δ	234-190-3	7789-12-0, 10588-01-9
8	5-Tert-butyl-2,4,6-trinitro-m-xylene/ Musk xylene	201-329-4	81-15-2
9	Bis (2-ethylhexyl) phthalate/ DEHP	204-211-0	117-81-7
10	Hexabromocyclododecane/ HBCDD and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD)	247-148-4 and 221-695-9	25637-99-4 and 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)
11	Short chain chlorinated paraffin (C10-C13)	287-476-5	85535-84-8
12	Bis (tributyltin) oxide Δ	200-268-0	56-35-9
13	Lead hydrogen arsenate Δ	232-064-2	7784-40-9
14	Triethyl arsenate Δ	427-700-2	15606-95-8
15	Benzyl butyl phthalate/ BBP	201-622-7	85-68-7
16	Anthracene oil	292-602-7	90640-80-5
17	Anthracene oil, anthracene paste, distn. Lights	295-278-5	91995-17-4
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
19	Anthracene oil, anthracene-low	292-604-8	90640-82-7
20	Anthracene oil, anthracene paste	292-603-2	90640-81-6
21	Diisobutyl phthalate/ DIBP	201-553-2	84-69-5
22	2,4-Dinitrotoluene	204-450-0	121-14-2
23	Lead chromate Δ	231-846-0	7758-97-6
24	Lead chromate molybdate sulfate red/ C.I. pigment red 104 Δ	235-759-9	12656-85-8
25	Lead sulfochromate yellow/ C.I. pigment yellow 34 Δ	215-693-7	1344-37-2
26	Coal tar pitch, high temperature	266-028-2	65996-93-2
27	Tris(2-chloroethyl)phosphate/ TCEP	204-118-5	115-96-8
28	Aluminosilicate, refractory ceramic fibres Δ	--	Index number 650-017-00-8
29	Zirconia aluminosilicate, refractory ceramic fibres Δ	--	Index number 650-017-00-8
30	Acrylamide	201-173-7	79-06-1
31	Trichloroethylene	201-167-4	79-01-6
32	Boric acid Δ	233-139-2/ 234-343-4	10043-35-3, 11113-50-1
33	Disodium tetraborate, anhydrous Δ	215-540-4	1330-43-4, 1303-96-4, 12179-04-3
34	Tetraboron disodium heptaoxide, hydrate Δ	235-541-3	12267-73-1
35	Sodium chromate Δ	231-889-5	7775-11-3



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
36	Potassium chromate Δ	232-140-5	7789-00-6
37	Ammonium dichromate Δ	232-143-1	7789-09-5
38	Potassium dichromate Δ	231-906-6	7778-50-9
39	2-Ethoxyethanol	203-804-1	110-80-5
40	2-Methoxyethanol	203-713-7	109-86-4
41	Cobalt (II) diacetate Δ	200-755-8	71-48-7
42	Cobalt (II) carbonate Δ	208-169-4	513-79-1
43	Cobalt (II) dinitrate Δ	233-402-1	10141-05-6
44	Cobalt (II) sulphate Δ	233-334-2	10124-43-3
45	Chromium trioxide Δ	215-607-8	1333-82-0
46	Acids generated from chromium trioxide and their oligomers Δ : Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2
47	1-Methyl-2-pyrrolidone	212-828-1	872-50-4
48	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich/ DIHP	276-158-1	71888-89-6
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters/ DHNUP	271-084-6	68515-42-4
50	1,2,3-Trichloropropane	202-486-1	96-18-4
51	2-Ethoxyethyl acetate/ 2-EEA	203-839-2	111-15-9
52	Hydrazine	206-114-9	7803-57-8, 302-01-2
53	Strontium chromate Δ	232-142-6	7789-06-2
54	Lead styphnate Δ	239-290-0	15245-44-0
55	Lead diazide, Lead azide Δ	236-542-1	13424-46-9
56	Lead dipicrate Δ	229-335-2	6477-64-1
57	Phenolphthalein	201-004-7	77-09-8
58	2,2'-Dichloro-4,4'-methylenedianiline	202-918-9	101-14-4
59	N,N-dimethylacetamide	204-826-4	127-19-5
60	Trilead diarsenate Δ	222-979-5	3687-31-8
61	Calcium arsenate Δ	231-904-5	7778-44-1
62	Arsenic acid Δ	231-901-9	7778-39-4
63	Bis(2-methoxyethyl) ether	203-924-4	111-96-6
64	1,2-Dichloroethane	203-458-1	107-06-2
65	4-(1,1,3,3-Tetramethylbutyl)phenol/ 4-tert-octyl phenol	205-426-2	140-66-9
66	2-Methoxyaniline/ o-Anisidine	201-963-1	90-04-0
67	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
68	Formaldehyde, oligomeric reaction products with aniline/ technical MDA	500-036-1	25214-70-4
69	Pentazine chromate octahydroxide Δ	256-418-0	49663-84-5
70	Potassium hydroxyoctaoxodizincatedichromate Δ	234-329-8	11103-86-9
71	Dichromium tris(chromate) Δ	246-356-2	24613-89-6
72	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride/ C.I. Basic Violet 3 (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	208-953-6	548-62-9
73	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione/ β -TGIC	423-400-0	59653-74-6
74	1,2-bis(2-methoxyethoxy)ethane/ TEGDME, triglyme	203-977-3	112-49-2



Page 10 of 16



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
75	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	209-218-2	561-41-1
76	Lead(II) bis(methanesulfonate) Δ	401-750-5	17570-76-2
77	1,2-Dimethoxyethane/ Ethylene glycol dimethyl ether, EGDME	203-794-9	110-71-4
78	Diboron trioxide Δ	215-125-8	1303-86-2
79	α, α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol/ C.I. Solvent Blue 4 (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	229-851-8	6786-83-0
80	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione/ TGIC	219-514-3	2451-62-9
81	4,4'-bis(dimethylamino)benzophenone/ Michler's ketone	202-027-5	90-94-8
82	N,N,N',N'-tetramethyl-4,4'-methylenedianiline/ Michler's base	202-959-2	101-61-1
83	Formamide	200-842-0	75-12-7
84	[4-[[4-anilino-1-naphthyl]]4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride/ C.I. Basic Blue 26 (with $\geq 0.1\%$ of Michler's ketone or Michler's base)	219-943-6	2580-56-5
85	Bis(pentabromophenyl) ether/ Decabromodiphenyl ether, DecaBDE	214-604-9	1163-19-5
86	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
87	Tricosafuorododecanoic acid	206-203-2	307-55-1
88	Henicosafuoroundecanoic acid	218-165-4	2058-94-8
89	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7
90	Diazene-1,2-dicarboxamide/ C,C'-azodi(formamide)	204-650-8	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3
92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
93	4-Nonylphenol, branched and linear	--	--
94	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	--	--
95	Methoxyacetic acid	210-894-6	625-45-6
96	N,N-dimethylformamide	200-679-5	68-12-2
97	Dibutyltin dichloride/ DBTC Δ	211-670-0	683-18-1
98	Lead monoxide/ Lead oxide Δ	215-267-0	1317-36-8
99	Orange lead/ Lead tetroxide Δ	215-235-6	1314-41-6
100	Lead bis(tetrafluoroborate) Δ	237-486-0	13814-96-5
101	Trilead bis(carbonate)dihydroxide Δ	215-290-6	1319-46-6
102	Lead titanium trioxide Δ	235-038-9	12060-00-3
103	Lead titanium zirconium oxide Δ	235-727-4	12626-81-2
104	Silicic acid, lead salt Δ	234-363-3	11120-22-2
105	Silicic acid, barium salt, lead-doped Δ	272-271-5	68784-75-8
106	1-Bromopropane/ n-Propyl bromide	203-445-0	106-94-5
107	Methyloxirane / Propylene oxide	200-879-2	75-56-9
108	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
109	Diisopentylphthalate/ DIPP	210-088-4	605-50-5



Page 11 of 16



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
110	N-pentyl-isopentylphthalate	--	776297-69-9
111	1,2-Diethoxyethane	211-076-1	629-14-1
112	Acetic acid, lead salt, basic Δ	257-175-3	51404-69-4
113	Lead oxide sulfate Δ	234-853-7	12036-76-9
114	[Phthalato(2-)]dioxotrilead Δ	273-688-5	69011-06-9
115	Dioxobis(stearato)trilead Δ	235-702-8	12578-12-0
116	Fatty acids, C16-18, lead salts Δ	292-966-7	91031-62-8
117	Lead cyanamidate Δ	244-073-9	20837-86-9
118	Lead dinitrate Δ	233-245-9	10099-74-8
119	Pentalead tetraoxide sulphate Δ	235-067-7	12065-90-6
120	Pyrochlore, antimony lead yellow Δ	232-382-1	8012-00-8
121	Sulfurous acid, lead salt, dibasic Δ	263-467-1	62229-08-7
122	Tetraethyllead Δ	201-075-4	78-00-2
123	Tetralead trioxide sulphate Δ	235-380-9	12202-17-4
124	Trilead dioxide phosphonate Δ	235-252-2	12141-20-7
125	Furan	203-727-3	110-00-9
126	Diethyl sulphate	200-589-6	64-67-5
127	Dimethyl sulphate	201-058-1	77-78-1
128	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
129	Dinoseb/ 6-sec-butyl-2,4-dinitrophenol	201-861-7	88-85-7
130	4,4'-Methylenedi-o-toluidine	212-658-8	838-88-0
131	4,4'-Oxydianiline and its salts	202-977-0	101-80-4
132	4-Aminoazobenzene	200-453-6	60-09-3
133	4-Methyl-m-phenylenediamine/ Toluene-2,4-diamine	202-453-1	95-80-7
134	6-Methoxy-m-toluidine/ p-Cresidine	204-419-1	120-71-8
135	Biphenyl-4-ylamine	202-177-1	92-67-1
136	o-Aminoazotoluene	202-591-2	97-56-3
137	o-Toluidine	202-429-0	95-53-4
138	N-methylacetamide	201-182-6	79-16-3
139	Ammonium pentadecafluorooctanoate/ APFO	223-320-4	3825-26-1
140	Pentadecafluorooctanoic acid/ PFOA	206-397-9	335-67-1
141	Dipentyl phthalate/ DPP	205-017-9	131-18-0
142	Cadmium Δ	231-152-8	7440-43-9
143	4-Nonylphenol, branched and linear, ethoxylated/ NPEO	--	--
144	Cadmium oxide Δ	215-146-2	1306-19-0
145	Cadmium sulphide Δ	215-147-8	1306-23-6
146	Dihexyl phthalate	201-559-5	84-75-3
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)/ C.I. Direct Red 28	209-358-4	573-58-0
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	217-710-3	1937-37-7
149	Imidazolidine-2-thione/ 2-imidazoline-2-thiol	202-506-9	96-45-7
150	Lead di(acetate) Δ	206-104-4	301-04-2
151	Trixylyl phosphate	246-677-8	25155-23-1
152	Sodium peroxometaborate Δ	231-556-4	7632-04-4
153	Cadmium chloride Δ	233-296-7	10108-64-2
154	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
155	Sodium perborate; perboric acid, sodium salt Δ	239-172-9; 234-390-0	--



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE) Δ	239-622-4	15571-58-1
159	Cadmium fluoride Δ	232-222-0	7790-79-6
160	Cadmium sulphate Δ	233-331-6	10124-36-4; 31119-53-6
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) Δ	--	--
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 (EC No. 201-559-5)	271-094-0; 272-013-1	68515-51-5; 68648-93-1
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]	--	--
164	1,3-propanesultone	214-317-9	1120-71-4
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3
167	Nitrobenzene	202-716-0	98-95-3
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts)	206-801-3	375-95-1; 21049-39-8; 4149-60-4
169	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8
170	4,4'-isopropylidenediphenol (bisphenol A)	201-245-8	80-05-7
171	4-Heptylphenol, branched and linear	--	--
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2
173	p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6
174	Perfluorohexane-1-sulphonic acid and its salt (PFHxS)	--	--
175	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadec a-7,15-diene ("Dechlorane Plus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	--
176	Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2
177	Cadmium nitrate Δ	233-710-6	10022-68-1, 10325-94-7
178	Cadmium carbonate Δ	208-168-9	513-78-0
179	Cadmium hydroxide Δ	244-168-5	21041-95-2
180	Chrysene	205-923-4	218-01-9, 1719-03-5



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
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	--	--
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	209-008-0	552-30-7
183	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7
184	Terphenyl, hydrogenated	262-967-7	61788-32-7
185	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2
186	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6
187	Dodecamethylcyclohexasiloxane (D6)	208-762-8	540-97-6
188	Ethylenediamine (EDA)	203-468-6	107-15-3
189	Benzo[ghi]perylene	205-883-8	191-24-2
190	Disodium octaborate Δ	234-541-0	12008-41-2
191	Lead Δ	231-100-4	7439-92-1
192	Pyrene	204-927-3	129-00-0; 1718-52-1
193	Phenanthrene	201-581-5	85-01-8
194	Fluoranthene	205-912-4	206-44-0; 93951-69-0
195	Benzo[k]fluoranthene	205-916-6	207-08-9
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	239-139-9	15087-24-8
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	--
199	2-methoxyethyl acetate	203-772-9	110-49-6
200	4-tert-butylphenol	202-679-0	98-54-4
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	--
202	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--
203	Diisohexyl phthalate	276-090-2	71850-09-4
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5
205	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1
206	Dibutylbis(pentane-2,4-dionato-O,O')tin Δ	245-152-0	22673-19-4
207	Butyl 4-hydroxybenzoate	202-318-7	94-26-8
208	2-methylimidazole	211-765-7	693-98-1
209	1-vinylimidazole	214-012-0	1072-63-5
210	Bis(2-(2-methoxyethoxy)ethyl) ether	205-594-7	143-24-8
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 Δ	--	--
212	1,4-dioxane	204-661-8	123-91-1
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)	--	--



TEST REPORT

Number : HKGH03133401

No.	Chemical Substances	EC No.	CAS No.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	--
215	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7
216	Glutaral	203-856-5	111-30-8
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)	--	--
218	Orthoboric acid, sodium salt Δ	--	--
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)	--	--
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1
221	Tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4
222	($\pm$)-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)	--	--
223	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	401-850-9	255881-94-8
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7
227	4,4'-sulphonyldiphenol	201-250-5	80-09-1
228	Barium diboron tetraoxide Δ	237-222-4	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-
230	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3
231	Melamine	203-615-4	108-78-1
232	Perfluoroheptanoic acid and its salts	-	-
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	473-390-7	-
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8
235	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9
236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4
239	Bumetizole (UV-326)	223-445-4	3896-11-5
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-



Page 15 of 16



TEST REPORT

Number : HKGH03133401



End of report

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Page 16 of 16

