

Test Report

Report No.: GNBZ221104136EN

Issue Date: Nov. 18, 2022

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The following information was/were submitted and identified by/on behalf of the client:

Applicant : CIXI ZHONGTAI ELECTRICITY FACTORY
Address : 2# huanwei Lane, KaiFa Road, ZhouXiang, Cixi, Ningbo, China
Sample Name : Solenoid valve connector
Sample Model : R988131136
Model/Type reference : R988131135, R988131136(O), R988131135(O), ZT-A-AC/DC-RX-PG11-T, ZT-A-AC/DC-RX-PG11-BR, ZT-A-AC/DC-RX-PG11-BR(H), ZT-A-AC/DC-RX-PG11-T(R), ZT-A-B12/A14-RX-PG11-BL, ZT-A-B12/A14-RX-PG11-BL(H), ZT-A-B12/A14-RX-PG11-G
Sample Receive Date : Nov. 04, 2022
Sample Testing Period : Nov. 04, 2022 - Nov. 16, 2022
Test Result Summary:

As requested by the applicant, for details refer to attached page(s).

TEST ITEM(S)	TEST REQUESTED	RESULT(S)
Two hundred and twenty-four (224) substances content in SVHC	ECHA's SVHC candidate on and before Jun. 10, 2022 of European Commission Regulation 1907/2006/EC concerning the REACH	LESS THAN 0.1% (w/w)

ORIGINAL

Authorized signature:



Lab Manager: Gavin Zhou



Nov, 18, 2022

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Test Result(s):

Test Sample Description:

Group No.	Group Description
<u>01</u>	Non-metal parts
<u>02</u>	Metal parts

Remark: Samples were mixed-tested as equal weight by groups.

SVHC content

Reference Method:

- 1) US EPA 3540C:1996 & US EPA 8270E:2018
- 2) US EPA 3550C:2007 & US EPA 8270E:2018
- 3) US EPA 3050B:1996 & US EPA 6010D:2014
- 4) US EPA 3052:1996 & US EPA 6010D:2014
- 5) US EPA 3060A:1996 & US EPA 7196A:1992
- 6) US EPA 3550C:2007 & US EPA 8321B:2007
- 7) US EPA 8260B:1996
- 8) ISO 3613:2010
- 9) EN 14582:2016
- 10) EN ISO 14362-1:2017

<u>NO.</u>	<u>Substance Name</u>	<u>CAS No.</u>	<u>EC No.</u>	<u>RL(%)</u>	<u>Result(s) (%)</u>	
					<u>01</u>	<u>02</u>
1	Anthracene	120-12-7	204-371-1	0.020	N.D.	N.D.
2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.020	N.D.	N.D.
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.020	N.D.	N.D.
4	Cobalt dichloride*	7646-79-9	231-589-4	0.005	N.D.	N.D.
5	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.005	N.D.	N.D.
6	Diarsenic trioxide*	1327-53-3	215-481-4	0.005	N.D.	N.D.
7	Sodium dichromate*	7789-12-0, 10588-01-9	234-190-3	0.005	N.D.	N.D.
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.020	N.D.	N.D.
9	Hexabromocyclododecane (HBCDD)	25637-99-4, 3194-55-6	247-148-4, 221-695-9	0.020	N.D.	N.D.
10	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.020	N.D.	N.D.
11	Bis(tributyltin)oxide(TBTO)	56-35-9	200-268-0	0.020	N.D.	N.D.
12	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.005	N.D.	N.D.

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					01	02
13	Triethyl arsenate*	15606-95-8	427-700-2	0.005	N.D.	N.D.
14	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.020	N.D.	N.D.
15	Anthracene oil	90640-80-5	292-602-7	0.020	N.D.	N.D.
16	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.020	N.D.	N.D.
17	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.020	N.D.	N.D.
18	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.020	N.D.	N.D.
19	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.020	N.D.	N.D.
20	Pitch, coal tar, high temp.	65996-93-2	266-028-2	0.020	N.D.	N.D.
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.020	N.D.	N.D.
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.020	N.D.	N.D.
23	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	0.020	N.D.	N.D.
24	Lead chromate*	7758-97-6	231-846-0	0.005	N.D.	N.D.
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104) *	12656-85-8	235-759-9	0.005	N.D.	N.D.
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34) *	1344-37-2	215-693-7	0.005	N.D.	N.D.
27	Acrymide	79-06-1	201-173-7	0.020	N.D.	N.D.
28	Trichloroethylene	79-01-6	201-167-4	0.020	N.D.	N.D.
29	Boric acid*	10043-35-3, 1113-50-1	233-139-2, 234-343-4	0.005	N.D.	N.D.
30	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	215-540-4	0.005	N.D.	N.D.
31	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.005	N.D.	N.D.
32	Sodium chromate*	7775-11-3	231-889-5	0.005	N.D.	N.D.
33	Ammonium dichromate*	7789-09-5	232-143-1	0.005	N.D.	N.D.
34	Potassium chromate*	7789-00-6	232-140-5	0.005	N.D.	N.D.
35	Potassium dichromate*	7778-50-9	231-906-6	0.005	N.D.	N.D.
36	Cobalt(II) sulphate*	10124-43-3	233-334-2	0.005	N.D.	N.D.
37	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.005	N.D.	N.D.
38	Cobalt(II) carbonate*	513-79-1	208-169-4	0.005	N.D.	N.D.
39	Cobalt(II) diacetate*	71-48-7	200-755-8	0.005	N.D.	N.D.
40	2-Methoxyethanol	109-86-4	203-713-7	0.020	N.D.	N.D.
41	2-Ethoxyethanol	110-80-5	203-804-1	0.020	N.D.	N.D.
42	Chromium trioxide*	1333-82-0	215-607-8	0.005	N.D.	N.D.
43	Chromic acid, dichromic acid, Oligomers of chromic acid, and dichromic acid*	7738-94-5, 13530-68-2	231-801-5, 236-881-5	0.005	N.D.	N.D.
44	Strontium chromate*	7789-06-2	232-142-6	0.005	N.D.	N.D.

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45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.020	N.D.	N.D.
46	Hydrazine	302-01-2, 7803-57-8	206-114-9	0.020	N.D.	N.D.
47	1-Methyl-2-pyrrolidone	872-50-4	212-828-1	0.020	N.D.	N.D.
48	1,2,3-trichloropropane	96-18-4	202-486-1	0.020	N.D.	N.D.
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.020	N.D.	N.D.
50	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	0.020	N.D.	N.D.
51	Dichromium tris(chromate) *	24613-89-6	246-356-2	0.005	N.D.	N.D.
52	Potassium hydroxy-octaoxodizincatedichromate*	11103-86-9	234-329-8	0.005	N.D.	N.D.
53	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.005	N.D.	N.D.
54	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) *	Index number: 650-017-00-8		0.005	N.D.	N.D.
55	Aluminosilicate Refractory Ceramic Fibres (RCF) *	Index number: 650-017-00-8		0.005	N.D.	N.D.
56	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.020	N.D.	N.D.
57	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.020	N.D.	N.D.
58	2-Methoxyaniline /o-Anisidine	90-04-0	201-963-1	0.020	N.D.	N.D.
59	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	0.020	N.D.	N.D.
60	1,2-Dichloroethane	107-06-2	203-458-1	0.020	N.D.	N.D.
61	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.020	N.D.	N.D.
62	Arsenic acid*	7778-39-4	231-901-9	0.005	N.D.	N.D.
63	Calcium arsenate*	7778-44-1	231-904-5	0.005	N.D.	N.D.
64	Trilead diarsenate*	3687-31-8	222-979-5	0.005	N.D.	N.D.
65	N,N-dimethylacetamide	127-19-5	204-826-4	0.020	N.D.	N.D.
66	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	0.020	N.D.	N.D.
67	Phenolphthalein	77-09-8	201-004-7	0.020	N.D.	N.D.
68	Lead diazide, Lead azide*	13424-46-9	236-542-1	0.005	N.D.	N.D.
69	Lead styphnate*	15245-44-0	239-290-0	0.005	N.D.	N.D.
70	Lead dipicrate*	6477-64-1	229-335-2	0.005	N.D.	N.D.
71	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.020	N.D.	N.D.
72	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	0.005	N.D.	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	0.020	N.D.	N.D.
74	Diboron trioxide*	1303-86-2	215-125-8	0.005	N.D.	N.D.
75	Formamide	75-12-7	200-842-0	0.020	N.D.	N.D.
76	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-trione (TGIC)	2451-62-9	219-514-3	0.020	N.D.	N.D.

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					01	02
77	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	423-400-0	0.020	N.D.	N.D.
78	4,4'-bis(dimethylamino)benzophenone	90-94-8	202-027-5	0.020	N.D.	N.D.
79	N,N,N',N'-tetramethyl-4,4'-methylenedianiline	101-61-1	202-959-2	0.020	N.D.	N.D.
80	[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	219-943-6	0.020	N.D.	N.D.
81	[[4-[4,4'-bis(dimethylamino) benz-hydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	0.020	N.D.	N.D.
82	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.020	N.D.	N.D.
83	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.020	N.D.	N.D.
84	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.005	N.D.	N.D.
85	6-methoxy-m-toluidine(p-cresidine)	120-71-8	204-419-1	0.020	N.D.	N.D.
86	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.020	N.D.	N.D.
87	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.020	N.D.	N.D.
88	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	0.020	N.D.	N.D.
89	Dibutyltin dichloride(DBTC)	683-18-1	211-670-0	0.020	N.D.	N.D.
90	Lead bis(tetrafluoroborate) *	13814-96-5	237-486-0	0.005	N.D.	N.D.
91	Lead dinitrate*	10099-74-8	233-245-9	0.005	N.D.	N.D.
92	Silicic acid, lead salt*	11120-22-2	234-363-3	0.005	N.D.	N.D.
93	4-Aminoazobenzene	60-09-3	200-453-6	0.020	N.D.	N.D.
94	Lead titanium zirconium oxide*	12626-81-2	235-727-4	0.005	N.D.	N.D.

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					01	02
95	Lead monoxide (lead oxide) *	1317-36-8	215-267-0	0.005	N.D.	N.D.
96	o-Toluidine	95-53-4	202-429-0	0.020	N.D.	N.D.
97	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.020	N.D.	N.D.
98	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008] *	68784-75-8	272-271-5	0.005	N.D.	N.D.
99	Trilead bis(carbonate) dihydroxide*	1319-46-6	215-290-6	0.005	N.D.	N.D.
100	Furan	110-00-9	203-727-3	0.020	N.D.	N.D.
101	N,N-dimethylformamide	68-12-2	200-679-5	0.020	N.D.	N.D.
102	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	0.020	N.D.	N.D.
103	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]	-	-	0.020	N.D.	N.D.
104	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.020	N.D.	N.D.
105	Diethyl sulphate	64-67-5	200-589-6	0.020	N.D.	N.D.
106	Dimethyl sulphate	77-78-1	201-058-1	0.020	N.D.	N.D.
107	Lead oxide sulfate*	12036-76-9	234-853-7	0.005	N.D.	N.D.
108	Lead titanium trioxide*	12060-00-3	235-038-9	0.005	N.D.	N.D.
109	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.005	N.D.	N.D.
110	[Phthalato(2-)] dioxotrilead	69011-06-9	273-688-5	0.020	N.D.	N.D.
111	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.020	N.D.	N.D.
112	N-methylacetamide	79-16-3	201-182-6	0.020	N.D.	N.D.
113	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.020	N.D.	N.D.
114	1,2-Diethoxyethane	629-14-1	211-076-1	0.020	N.D.	N.D.
115	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.005	N.D.	N.D.
116	N-pentyl-isopentyl phthalate	776297-69-9	-	0.020	N.D.	N.D.
117	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.005	N.D.	N.D.

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					01	02
118	Tetraethyllead*	78-00-2	201-075-4	0.005	N.D.	N.D.
119	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.005	N.D.	N.D.
120	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.020	N.D.	N.D.
121	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.020	N.D.	N.D.
122	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.020	N.D.	N.D.
123	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.020	N.D.	N.D.
124	Methoxyacetic acid	625-45-6	210-894-6	0.020	N.D.	N.D.
125	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.020	N.D.	N.D.
126	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.020	N.D.	N.D.
127	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.005	N.D.	N.D.
128	o-aminoazotoluene	97-56-3	202-591-2	0.020	N.D.	N.D.
129	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.020	N.D.	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.020	N.D.	N.D.
131	Orange lead (lead tetroxide)*	1314-41-6	215-235-6	0.005	N.D.	N.D.
132	Biphenyl-4-ylamine	92-67-1	202-177-1	0.020	N.D.	N.D.
133	Diisopentylphthalate	605-50-5	210-088-4	0.020	N.D.	N.D.
134	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.020	N.D.	N.D.
135	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.020	N.D.	N.D.
136	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.005	N.D.	N.D.
137	Lead cyanamidate*	20837-86-9	244-073-9	0.005	N.D.	N.D.
138	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]	-	-	0.020	N.D.	N.D.
139	Cadmium	7440-43-9	231-152-8	0.005	N.D.	N.D.
140	Ammonium pentadecafluorooctanoate(APFO)	3825-26-1	223-320-4	0.020	N.D.	N.D.
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.020	N.D.	N.D.
142	Dipentyl phthalate(DPP)	131-18-0	205-017-9	0.020	N.D.	N.D.
143	Cadmium oxide*	1306-19-0	215-146-2	0.005	N.D.	N.D.
144	Cadmium sulphide*	1306-23-6	215-147-8	0.005	N.D.	N.D.

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					01	02
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)	1937-37-7	217-710-3	0.020	N.D.	N.D.
146	Dihexyl phthalate(DHP)	84-75-3	201-559-5	0.020	N.D.	N.D.
147	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.020	N.D.	N.D.
148	Trixylyl phosphate	25155-23-1	246-677-8	0.020	N.D.	N.D.
149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.020	N.D.	N.D.
150	Lead di(acetate)*	301-04-2	206-104-4	0.005	N.D.	N.D.
151	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.020	N.D.	N.D.
152	Sodium perborate; perboric acid, sodium salt*	-	239-172-9, 234-390-0	0.005	N.D.	N.D.
153	Sodium peroxometaborate*	7632-04-4	231-556-4	0.005	N.D.	N.D.
154	Cadmium chloride*	10108-64-2	233-296-7	0.005	N.D.	N.D.
155	Bis (2-ethylhexyl) phthalate(DEHP)	117-81-7	204-211-0	0.020	N.D.	N.D.
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	3846-71-7	223-346-6	0.020	N.D.	N.D.
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.020	N.D.	N.D.
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-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	0.020	N.D.	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertbutylphenol(UV-328)	25973-55-1	247-384-8	0.020	N.D.	N.D.
160	Cadmium fluoride*	7790-79-6	232-222-0	0.005	N.D.	N.D.
161	Cadmium sulphate*	10124-36-4, 31119-53-6	233-331-6	0.005	N.D.	N.D.
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	68515-51-5, 68648-93-1	271-094-0, 272-013-1	0.020	N.D.	N.D.

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NO.	Substance Name	CAS No.	EC No.	RL(%)	Result(s) (%)	
					01	02
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]	--	--	0.020	N.D.	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	0.020	N.D.	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.020	N.D.	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.020	N.D.	N.D.
167	Nitrobenzene	98-95-3	202-716-0	0.020	N.D.	N.D.
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	206-801-3	0.020	N.D.	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.020	N.D.	N.D.
170	4,4'-isopropylidenediphenol (Bisphenol A)	80-05-7	201-245-8	0.020	N.D.	N.D.
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	--	--	0.020	N.D.	N.D.
172	4-Heptylphenol, branched and linear	--	--	0.020	N.D.	N.D.
173	p-(1,1-dimethylpropyl) phenol	80-46-6	201-280-9	0.020	N.D.	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	--	--	0.020	N.D.	N.D.
175	Chrysene	218-01-9, 1719-03-5	205-923-4	0.020	N.D.	N.D.
176	Benz[a]anthracene	56-55-3, 1718-53-2	200-280-6	0.020	N.D.	N.D.
177	Cadmium nitrate*	10022-68-1, 10325-94-7	233-710-6	0.005	N.D.	N.D.
178	Cadmium carbonate*	513-78-0	208-168-9	0.005	N.D.	N.D.
179	Cadmium hydroxide*	21041-95-2	244-168-5	0.005	N.D.	N.D.
180	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]	-	-	0.020	N.D.	N.D.
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)]	-	-	0.020	N.D.	N.D.
182	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0	0.020	N.D.	N.D.

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NO.	Substance Name	CAS No.	EC No.	RL(%)	Result(s) (%)	
					01	02
183	Dicyclohexyl phthalate(DCHP)	84-61-7	201-545-9	0.020	N.D.	N.D.
184	Benzo[ghi]perylene	191-24-2	205-883-8	0.020	N.D.	N.D.
185	Decamethylcyclotrasiloxane(D5)	541-02-6	208-764-9	0.020	N.D.	N.D.
186	Disodium octaborate*	12008-41-2, 12280-03-4	234-541-0	0.005	N.D.	N.D.
187	Dodecamethylcyclohexasiloxane(D6)	540-97-6	208-762-8	0.020	N.D.	N.D.
188	Ethylenediamine(EDA)	107-15-3	203-468-6	0.020	N.D.	N.D.
189	Lead	7439-92-1	231-100-4	0.005	N.D.	N.D.
190	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.020	N.D.	N.D.
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.020	N.D.	N.D.
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one; 3-benzylidene camphor; 3-BC	15087-24-8	239-139-9	0.020	N.D.	N.D.
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.020	N.D.	N.D.
194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.020	N.D.	N.D.
195	Fluoranthene	206-44-0, 93951-69-0	205-912-4	0.020	N.D.	N.D.
196	Phenanthrene	85-01-8	201-581-5	0.020	N.D.	N.D.
197	Pyrene	129-00-0, 1718-52-1	204-927-3	0.020	N.D.	N.D.
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	-	-	0.020	N.D.	N.D.
199	2-methoxyethyl acetate	110-49-6	203-772-9	0.020	N.D.	N.D.
200	4-tert-butylphenol	98-54-4	202-679-0	0.020	N.D.	N.D.
201	Tris(4-nonylphenyl, branched and linear) phosphite(TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.020	N.D.	N.D.
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.020	N.D.	N.D.
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.020	N.D.	N.D.
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.020	N.D.	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.020	N.D.	N.D.
206	1-vinylimidazole	1072-63-5	214-012-0	0.020	N.D.	N.D.
207	2-methylimidazole	693-98-1	211-765-7	0.020	N.D.	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.020	N.D.	N.D.
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.020	N.D.	N.D.
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	0.020	N.D.	N.D.

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NO.	Substance Name	CAS No.	EC No.	RL(%)	Result(s) (%)	
					01	02
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	-	-	0.020	N.D.	N.D.
212	1,4-dioxane	123-91-1	204-661-8	0.020	N.D.	N.D.
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, 1522-92-5, 96-13-9	221-967-7, 253-057-0, 202-480-9	0.020	N.D.	N.D.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	0.020	N.D.	N.D.
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.020	N.D.	N.D.
216	Glutaral	111-30-8	203-856-5	0.020	N.D.	N.D.
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	-	-	0.020	N.D.	N.D.
218	Orthoboric acid, sodium salt*	-	-	0.005	N.D.	N.D.
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	0.020	N.D.	N.D.
220	tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.020	N.D.	N.D.
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	401-850-9	0.020	N.D.	N.D.
222	6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol	119-47-1	204-327-1	0.020	N.D.	N.D.
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)	-	-	0.020	N.D.	N.D.
224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.020	N.D.	N.D.

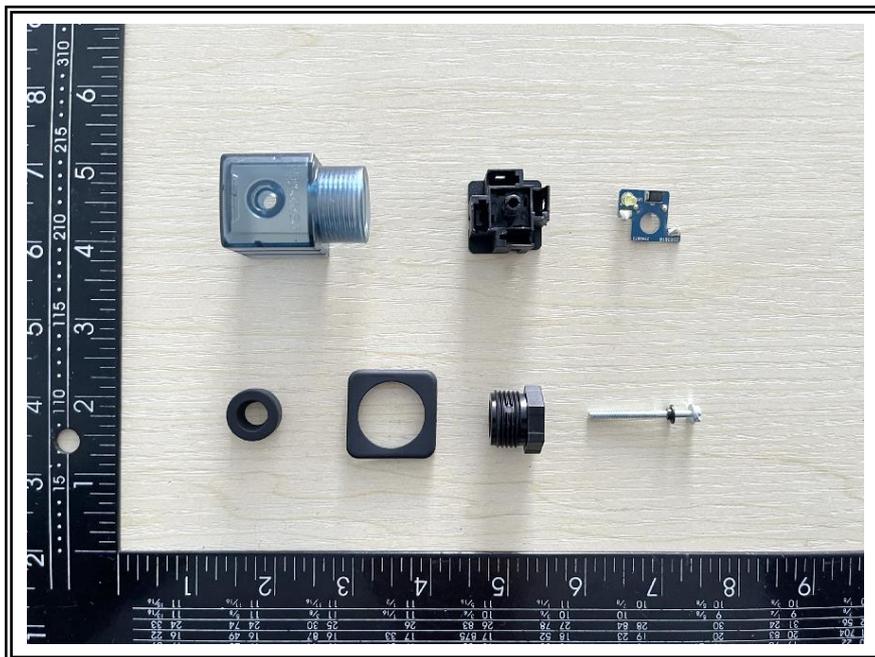
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- Note:**
1. 1000mg/kg = 0.1%;
 2. RL = Report Limit;
 3. N.D. = Not Detected(<RL);
 4. "*" = The test result is based on the calculation of selected element(s) / marker(s) and to the worst case;
 5. The detail information for the SVHC published at website of ECHA:
http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp
 6. In accordance with Regulation (EC) No. 1907/2006, any 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, namely (a) the substance is present in those article in quantities totaling over one ton per producer or importer per year; and (b) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w);
 7. Article 33 of Regulation (EC) No. 1907/2006 requires supplier of an article containing a substance meets 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.
 8. For sample(s) 01 and 02, composite test has been performed as per client's request and the test result is the overall result.

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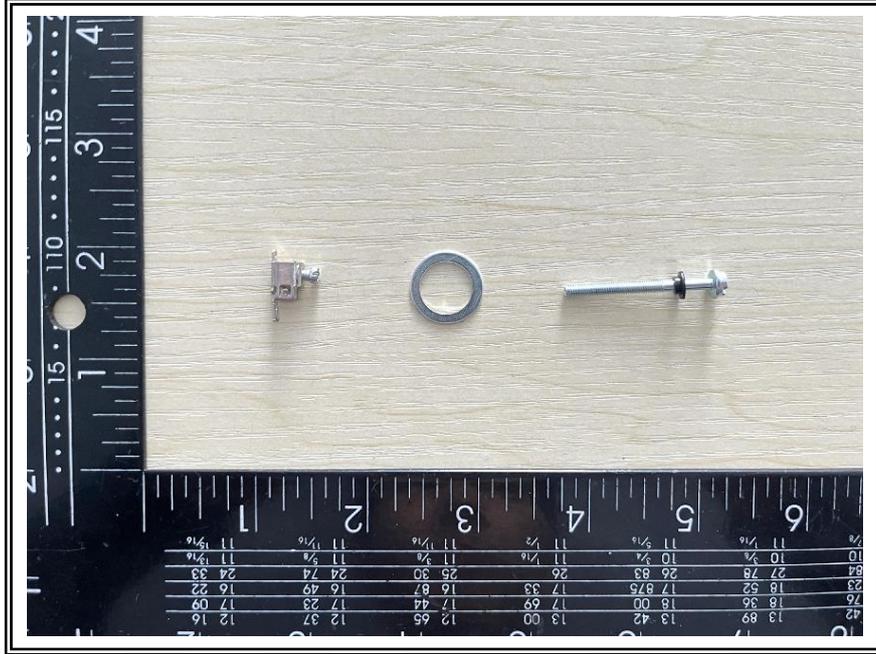
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Sample Photo(s):



01

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02

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Remark:

The samples in the picture below, only as requested by client and put the sample's photo(s) on the report. Ningbo GIG Testing Co., Ltd. takes no responsibility for any mistakes and the problems of product consistency caused by inaccurate and/or invalid information submitted by the client. The client will take the responsibility of all discrepancy and risk.



R988131135



R988131136(O)



R988131135(O)



ZT-A-AC DC-RX-PG11-T



ZT-A-AC DC-RX-PG11-BR



ZT-A-AC DC-RX-PG11-BR(H)



ZT-A-AC DC-RX-PG11-T(R)



ZT-A-B12 A14-RX-PG11-BL



ZT-A-B12 A14-RX-PG11-BL(H)

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ZT-A-B12 A14-RX-PG11-G

GIG authenticate the photo(s) on original report only

*****End of Report*****

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