Test Report

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Company Name shown on Report	ZHEJIANG RECTRON ELECTRONIC CO.,LTD.
Address	NO.111 CHENGGONG ROAD, HUIMIN DISTRICT,JIASHAN COUNTY, JIAXING CITY,ZHEJIANG PROVINCE, CHINA
Sample Received Date	Jun. 5, 2026
Testing Period	Jun. 5, 2026 to Jun. 15, 2026
Test Requested	1.As specified by client, to screen the 253 substances of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s). 2.As specified by client, to screen the 1 substance published on June 1st 2021 submitted by EU Member States to ECHA for intention for identification of substance of very high concern (SVHC) under Regulation (EC) No 1907/2006 of REACH in the submitted sample(s).
Test Method	Please refer to the following page(s).
Test Result(s)	Please refer to the following page(s).

Summary	1.According to the analytical results, concentration(s) of Lead is(are) > 0.1% (w/w) in the submitted sample(s) 001. 2.According to the analytical results, concentration(s) of Lead is(are) > 0.1% (w/w) in the submitted sample(s) 003.	**See REACH obligation**

Approved by Chen kaimin Date Jun. 15, 2026

Chen kaimin
Lab Manager

No. R748866993

Test Report

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

CTI Sample ID	Sample Name(s)	Model No.	Material	Reference Report No. - CTI Sample ID
001	Lead Wire/Lead Frame、Solder Wafer、 Solder Paste、Plating、Bonding Wire	CDA/C1940，KFC/C19210、Sn5Ag2.5Pb92.5、NC-777、WS-CW	Copper、Pb、Sn、Ag	A2260457458102001-001
003	HF Molding、Silicon Rubber、Ink、Dice Wafer	EME-E125/H，EME-E110G, EME-E500、XE13-C2946 、UV NO.3、GPP Wafer	Epoxy、Silicon Rubber、Silicon	/

Remark:

The samples with the reference information in the table above are non-tested in this report. According to the client's statement, test results and the photos of the " CTI Sample ID " column reference to " Reference Report No. - CTI Sample ID." column.

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Test Result(s) 1

Batch	No.	Substance Name(s)	CAS No.	Concentration (%)	RL (%)
				001	
XIX	185	Lead	7439-92-1	46.732	0.01
-	-	Other tested SVHC (See the candidate list)	-	N.D.	-

Batch	No.	Substance Name(s)	CAS No.	Concentration (%)	RL (%)
				003	
VI	69	Lead diazide, Lead azide*	13424-46-9	N.D.*1	0.01
VI	70	Lead styphnate*	15245-44-0	N.D.*1	0.01
VI	71	Lead dipicrate*	6477-64-1	N.D.*1	0.01
VII	76	Lead(II) bis(methanesulfonate)*	17570-76-2	N.D.*1	0.01
VIII	103	Pentalead tetraoxide sulphate*	12065-90-6	N.D.*1	0.01
VIII	106	Dioxobis(stearato)trilead*	12578-12-0	N.D.*1	0.01
VIII	107	Lead dinitrate*	10099-74-8	N.D.*1	0.01
VIII	108	Tetralead trioxide sulphate*	12202-17-4	N.D.*1	0.01
VIII	109	Lead monoxide (lead oxide)*	1317-36-8	N.D.*1	0.01
VIII	110	Lead titanium trioxide*	12060-00-3	N.D.*1	0.01
VIII	112	Acetic acid, lead salt, basic*	51404-69-4	N.D.*1	0.01
VIII	116	Tetraethyllead*	78-00-2	N.D.*1	0.01
VIII	117	[Phthalato(2-)]dioxotrilead*	69011-06-9	N.D.*1	0.01
VIII	119	Lead cyanamidate*	20837-86-9	N.D.*1	0.01
VIII	121	Trilead dioxide phosphonate*	12141-20-7	N.D.*1	0.01
VIII	130	Trilead bis(carbonate)dihydroxide*	1319-46-6	N.D.*1	0.01
VIII	131	Fatty acids, C16-18, lead salts*	91031-62-8	N.D.*1	0.01
VIII	132	Orange lead (lead tetroxide)*	1314-41-6	N.D.*1	0.01
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	N.D.*1	0.01
VIII	135	Lead oxide sulfate*	12036-76-9	N.D.*1	0.01
VIII	136	Lead bis(tetrafluoroborate)*	13814-96-5	N.D.*1	0.01
VIII	137	Silicic acid, lead salt*	11120-22-2	N.D.*1	0.01
X	150	Lead di(acetate)*	301-04-2	N.D.*1	0.01
XIX	185	Lead	7439-92-1	0.449	0.01
-	-	Other tested SVHC (See the candidate list)	-	N.D.	-

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Test Result(s) 2

Batch	No.	Substance Name(s)	CAS No.	Concentration (%)	RL (%)
				003	
-	-	All tested intention identification of SVHC (See the list of intention for identification of SVHC)	-	N.D.	-

Test Method:

Refer to US EPA3052:1996, US EPA 3050B:1996, US EPA3060A:1996, US EPA 3550C:2007, US EPA 3540C:1996, ISO 17353:2004(E), EN 14582:2016, In house method for sample pretreatment.
Analyzed by ICP-OES, UV-Vis, PLM, SEM, IC, HPLC, GC-MS, GC-MS(NCI), GC-FID, HPLC-DAD and LC-MS-MS.

Sample/Part Description

No.	CTI Sample ID	Description	Number of SVHC
1	001	Mixed test, 4 kinds of metal	73
2	003	Mixed test, 4 kinds of nonmetal (dry weight)*2	253 (Candidate) + 1 (Intention for identification)

Test Report

Remark:

1. The table of tested result(s) only shows detected SVHC, and SVHC that below RL are not reported. Please refer to the List of SVHC/intention for identification of SVHC on next pages.
2. w/w = weight by weight; 0.1%= 1000 mg/kg =1000 ppm
3. N.D. = Not Detected (< RL)
4. RL = Report Limit (Concentration value will be shown if it ≥ RL. RL is not regulatory limit.)
5. ◇ = 73 SVHC
6. ※ = Intention for identification of SVHC
7. *: Concentration value of the substance by the conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide(TBTO), Dibutyltin dichloride (DBTC), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), 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), Dibutylbis(pentane-2,4-dionato-O,O')tin, [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] by the conversion from the test results of certain compounds(Tributyl Tins(TBT), Dibutyl Tins(DBT), Dioctyl Tins(DOT), Monooctyl Tins(MOT)).
8. **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
9. ***: C.I.: Colour Index
10. ****: Light fractions from distillation
11. *****: Concentration value of Disodiumtetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodiumtetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.
12. ▲: Concentration value of Formaldehyde, oligomeric reaction products with aniline by the conversion from the test results of certain compounds (2,4-Diaminodiphenylmethane, 4,4'-Diaminodiphenylmethane, 2,2-Diaminodiphenylmethane).
13. ①: In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances. When the content of the representative substances is equal to or higher than 0.1% (w/w), the presence of the substance in the sample need to be further confirmed by checking SDS or requesting from suppliers.
14. ②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.
15. As specified by client, the test was conducted by mixing several samples together. The result(s) shown on this report may be different from the content of any homogeneous material.
16. *1: The sample contains Lead. According to the declaration of the client,it is present as the form Lead elementary substance.
17. *2: The sample was tested after drying for 2 hours under 105°C.
18. According to the client's statement, the reasons for the multiple information in the "sample information" of this report may include (but are not limited to): supplying to different buyers, being sold to different countries or regions, former names, or mixtures of several substances.

Test Report

Candidate List of SVHC

Batch	No.	Substance Name(s)	CAS No.	RL (%)
I	1	Anthracene	120-12-7	0.05
I	2	4,4'- Diaminodiphenylmethane	101-77-9	0.05
I	3	Dibutyl phthalate(DBP)	84-74-2	0.05
I	4◇	Cobalt dichloride*	7646-79-9	0.01
I	5◇	Diarsenic pentaoxide*	1303-28-2	0.01
I	6◇	Diarsenic trioxide*	1327-53-3	0.01
I	7◇	Sodium dichromate*	7789-12-0 10588-01-9	0.01
I	8	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	0.05
I	9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	0.05
I	10	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	0.05
I	11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	0.05
I	12	Bis(tributyltin)oxide (TBTO)*	56-35-9	0.05
I	13◇	Lead hydrogen arsenate*	7784-40-9	0.01
I	14	Benzyl butyl phthalate(BBP)	85-68-7	0.05
I	15◇	Triethyl arsenate*	15606-95-8	0.01
II	16	①Anthracene oil	90640-80-5	0.05
II	17	①Anthracene oil, anthracene paste, distn. lights****	91995-17-4	0.05
II	18	①Anthracene oil, anthracene paste,anthracene fraction	91995-15-2	0.05
II	19	①Anthracene oil, anthracene-low	90640-82-7	0.05
II	20	①Anthracene oil, anthracene paste	90640-81-6	0.05
II	21	①Pitch, coal tar, high-temp.	65996-93-2	0.05
II	22	Acrylamide	79-06-1	0.05
II	23	2,4-dinitrotoluene	121-14-2	0.05
II	24	Diisobutyl phthalate (DIBP)	84-69-5	0.05
II	25◇	②Lead chromate	7758-97-6	0.01
II	26◇	②Lead chromate molybdate sulphate red (C.I. Pigment Red 104)***	12656-85-8	0.01
II	27◇	②Lead sulfochromate yellow (C.I. Pigment Yellow 34)***	1344-37-2	0.01
II	28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	0.05
III	29	Trichloroethylene	79-01-6	0.05
III	30◇	Boric acid*	10043-35-3 11113-50-1	0.01
III	31◇	②Disodium tetraborate, anhydrous*****	1330-43-4 12179-04-3 1303-96-4	0.01
III	32◇	②Tetraboron disodium heptaoxide, hydrate*****	12267-73-1	0.01
III	33◇	Sodium chromate*	7775-11-3	0.01
III	34◇	Potassium chromate*	7789-00-6	0.01
III	35◇	Ammonium dichromate*	7789-09-5	0.01
III	36◇	Potassium dichromate*	7778-50-9	0.01
IV	37◇	Cobalt(Ⅱ) sulphate*	10124-43-3	0.01
IV	38◇	Cobalt(Ⅱ) dinitrate*	10141-05-6	0.01
IV	39◇	Cobalt(Ⅱ) carbonate*	513-79-1	0.01
IV	40◇	Cobalt(Ⅱ) diacetate*	71-48-7	0.01
IV	41	2-methoxyethanol	109-86-4	0.05

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Batch	No.	Substance Name(s)	CAS No.	RL (%)
IV	42	2-ethoxyethanol	110-80-5	0.05
IV	43◇	Chromium trioxide*	1333-82-0	0.01
IV	44◇	①Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	0.01
V	45	2-ethoxyethyl acetate	111-15-9	0.05
V	46◇	Strontium chromate*	7789-06-2	0.01
V	47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	0.05
V	48	Hydrazine	7803-57-8 302-01-2	0.05
V	49	1-methyl-2-pyrrolidone (NMP)	872-50-4	0.05
V	50	1,2,3-trichloropropane	96-18-4	0.05
V	51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	0.05
VI	52◇	Dichromium tris(chromate)*	24613-89-6	0.01
VI	53◇	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	0.01
VI	54◇	Pentazinc chromate octahydroxide*	49663-84-5	0.01
VI	55◇	②Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	0.01
VI	56◇	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	0.01
VI	57	①Formaldehyde, oligomeric reaction products with aniline▲	25214-70-4	0.05
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	0.05
VI	59	2-Methoxyaniline(o-Anisidine)	90-04-0	0.05
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	0.05
VI	61	1,2-dichloroethane	107-06-2	0.05
VI	62	Bis(2-methoxyethyl) ether	111-96-6	0.05
VI	63◇	Arsenic acid*	7778-39-4	0.01
VI	64◇	Calcium arsenate*	7778-44-1	0.01
VI	65◇	Trilead diarsenate*	3687-31-8	0.01
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	0.05
VI	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	0.05
VI	68	Phenolphthalein	77-09-8	0.05
VI	69◇	Lead diazide, Lead azide*	13424-46-9	0.01
VI	70◇	Lead styphnate*	15245-44-0	0.01
VI	71◇	Lead dipicrate*	6477-64-1	0.01
VII	72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	0.05
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	0.05
VII	74◇	Diboron trioxide*	1303-86-2	0.01
VII	75	Formamide	75-12-7	0.05
VII	76◇	Lead(II) bis(methanesulfonate)*	17570-76-2	0.01
VII	77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	0.05
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	0.05
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	0.05
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	0.05
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)***	548-62-9	0.05
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	0.05

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Batch	No.	Substance Name(s)	CAS No.	RL (%)
VII	83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)***	6786-83-0	0.05
VII	84	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol	561-41-1	0.05
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	0.05
VIII	86	①4-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]*	-	0.05
VIII	87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))(ADCA)	123-77-3	0.05
VIII	88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated *[covering well-defined substances and UVCB substances, polymers and homologues]*	-	0.05
VIII	89	Henicosafluoroundecanoic acid	2058-94-8	0.05
VIII	90	Pentacosafluorotridecanoic acid	72629-94-8	0.05
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	0.05
VIII	92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	0.05
VIII	93	Heptacosafluorotetradecanoic acid	376-06-7	0.05
VIII	94	Diisopentylphthalate(DIPP)	605-50-5	0.05
VIII	95	①1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	0.05
VIII	96	n-pentyl-isopentylphthalate	776297-69-9	0.05
VIII	97	Methoxyacetic acid	625-45-6	0.05
VIII	98	Tricosafluorododecanoic acid	307-55-1	0.05
VIII	99	1,2-diethoxyethane	629-14-1	0.05
VIII	100	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	0.05
VIII	101	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	0.05
VIII	102	N-methylacetamide	79-16-3	0.05
VIII	103◇	Pentalead tetraoxide sulphate*	12065-90-6	0.01
VIII	104	Biphenyl-4-ylamine	92-67-1	0.05
VIII	105	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	0.05
VIII	106◇	Dioxobis(stearato)trilead*	12578-12-0	0.01
VIII	107◇	Lead dinitrate*	10099-74-8	0.01
VIII	108◇	Tetralead trioxide sulphate*	12202-17-4	0.01
VIII	109◇	Lead monoxide (lead oxide)*	1317-36-8	0.01
VIII	110◇	Lead titanium trioxide*	12060-00-3	0.01
VIII	111	4,4'-methylenedi-o-toluidine	838-88-0	0.05
VIII	112◇	Acetic acid, lead salt, basic*	51404-69-4	0.01
VIII	113	Dimethyl sulphate	77-78-1	0.05
VIII	114	Furan	110-00-9	0.05
VIII	115◇	Pyrochlore, antimony lead yellow*	8012-00-8	0.01
VIII	116◇	Tetraethyllead*	78-00-2	0.01
VIII	117◇	[Phthalato(2-)]dioxotrilead*	69011-06-9	0.01
VIII	118	Diethyl sulphate	64-67-5	0.05
VIII	119◇	Lead cyanamidate*	20837-86-9	0.01
VIII	120◇	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped*	68784-75-8	0.01
VIII	121◇	Trilead dioxide phosphonate*	12141-20-7	0.01
VIII	122	*o*-Toluidine	95-53-4	0.05

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Batch	No.	Substance Name(s)	CAS No.	RL (%)
VIII	123	*o*-aminoazotoluene	97-56-3	0.05
VIII	124	4-aminoazobenzene	60-09-3	0.05
VIII	125	6-methoxy-*m*-toluidine (*p*-cresidine)	120-71-8	0.05
VIII	126	Dibutyltin dichloride (DBTC)*	683-18-1	0.05
VIII	127◇	Lead titanium zirconium oxide*	12626-81-2	0.01
VIII	128	Methyloxirane (Propylene oxide)	75-56-9	0.05
VIII	129	1-bromopropane (n-propyl bromide)	106-94-5	0.05
VIII	130◇	Trilead bis(carbonate)dihydroxide*	1319-46-6	0.01
VIII	131◇	Fatty acids, C16-18, lead salts*	91031-62-8	0.01
VIII	132◇	Orange lead (lead tetroxide)*	1314-41-6	0.01
VIII	133◇	Sulfurous acid, lead salt, dibasic*	62229-08-7	0.01
VIII	134	4,4'-oxydianiline and its salts	101-80-4	0.05
VIII	135◇	Lead oxide sulfate*	12036-76-9	0.01
VIII	136◇	Lead bis(tetrafluoroborate)*	13814-96-5	0.01
VIII	137◇	Silicic acid, lead salt*	11120-22-2	0.01
VIII	138	N,N-dimethylformamide	68-12-2	0.05
IX	139◇	Cadmium	7440-43-9	0.01
IX	140◇	Cadmium oxide*	1306-19-0	0.01
IX	141	Dipentyl phthalate (DPP)	131-18-0	0.05
IX	142	①4-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]*	-	0.05
IX	143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	0.05
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	0.05
X	145	①Trixylyl phosphate	25155-23-1	0.05
X	146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	0.05
X	147	Dihexyl phthalate	84-75-3	0.05
X	148◇	Cadmium sulphide*	1306-23-6	0.01
X	149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)***	573-58-0	0.05
X	150◇	Lead di(acetate)*	301-04-2	0.01
X	151	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	0.05
XI	152	①1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	0.05
XI	153◇	Cadmium chloride*	10108-64-2	0.01
XI	154◇	②Sodium perborate; perboric acid, sodium salt*****	15120-21-5 11138-47-9	0.01
XI	155◇	②Sodium peroxometaborate*****	7632-04-4	0.01
XII	156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	0.05
XII	157	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	0.05
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl- 7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*	15571-58-1	0.05
XII	159◇	Cadmium fluoride*	7790-79-6	0.01
XII	160◇	Cadmium sulphate*	10124-36-4 31119-53-6	0.01

Test Report

Batch	No.	Substance Name(s)	CAS No.	RL (%)
XII	161	①Reaction 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)*	-	0.05
XIII	162	①1,2-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)	68515-51-5 68648-93-1	0.05
XIII	163	①5-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]	-	0.05
XIV	164	Nitrobenzene	98-95-3	0.05
XIV	165	2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	0.05
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	0.05
XIV	167	1,3-propanesultone	1120-71-4	0.05
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	0.05
XV	169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	0.05
XVI	170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7	0.05
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	0.05
XVI	172	*p*-(1,1-dimethylpropyl)phenol	80-46-6	0.05
XVI	173	①4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	0.05
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	0.05
XVIII	175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	-	0.05
XVIII	176	Benzo[a]anthracene	56-55-3	0.05
XVIII	177◇	Cadmium nitrate*	10325-94-7	0.01
XVIII	178◇	Cadmium carbonate*	513-78-0	0.01
XVIII	179◇	Cadmium hydroxide*	21041-95-2	0.01
XVIII	180	Chrysene	218-01-9	0.05
XVIII	181	①Reaction 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)]	-	0.05
XIX	182	Octamethylcyclotetrasiloxane (D4)	556-67-2	0.05
XIX	183	Decamethylcyclopentasiloxane (D5)	541-02-6	0.05
XIX	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.05
XIX	185◇	Lead	7439-92-1	0.01
XIX	186◇	Disodium octaborate*	12008-41-2	0.01
XIX	187	Benzo[ghi]perylene	191-24-2	0.05
XIX	188	①Terphenyl, hydrogenated	61788-32-7	0.05
XIX	189	Ethylenediamine (EDA)	107-15-3	0.05

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Batch	No.	Substance Name(s)	CAS No.	RL (%)
XIX	190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	0.05
XIX	191	Dicyclohexyl phthalate (DCHP)	84-61-7	0.05
XX	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	0.05
XX	193	Benzo[k]fluoranthene	207-08-9	0.05
XX	194	Fluoranthene	206-44-0	0.05
XX	195	Phenanthrene	85-01-8	0.05
XX	196	Pyrene	129-00-0	0.05
XX	197	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) (3-BC)	15087-24-8	0.05
XXI	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)	-	0.05
XXI	199	2-methoxyethyl acetate	110-49-6	0.05
XXI	200	4-tert-butylphenol	98-54-4	0.05
XXI	201	①Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	0.05
XXII	202	2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	0.05
XXII	203	2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	0.05
XXII	204	Diisohexyl phthalate	71850-09-4	0.05
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	0.05
XXIII	206	1-vinylimidazole	1072-63-5	0.05
XXIII	207	2-methylimidazole	693-98-1	0.05
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	0.05
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin*	22673-19-4	0.05
XXIV	210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	0.05
XXIV	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*	-	0.05
XXV	212	1,4-dioxane	123-91-1	0.05
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 1522-92-5 96-13-9	0.05
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	0.05
XXV	215	4,4'-(1-methylpropylidene)bisphenol (bisphenol B)	77-40-7	0.05
XXV	216	Glutaral	111-30-8	0.05
XXV	217	①Medium-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]	-	0.05
XXV	218◇	Orthoboric acid, sodium salt*	13840-56-7	0.01
XXV	219	①Phenol, 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)	-	0.05
XXVI	220	(±)-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)	-	0.05
XXVI	221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	0.05
XXVI	222	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	0.05
XXVI	223	tris(2-methoxyethoxy)vinylsilane	1067-53-4	0.05

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Batch	No.	Substance Name(s)	CAS No.	RL (%)
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	0.05
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis [2,4,6-tribromobenzene]	37853-59-1	0.05
XXVIII	226	2,2',6,6'-tetrabromo-4,4'- isopropylidenediphenol (TBBPA)	79-94-7	0.05
XXVIII	227	4,4'-sulphonyldiphenol (BPS)	80-09-1	0.05
XXVIII	228◇	Barium diboron tetraoxide*	13701-59-2	0.01
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	0.05
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	0.05
XXVIII	231	Melamine	108-78-1	0.05
XXVIII	232	Perfluoroheptanoic acid and its salts	-	0.05
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	-	0.05
XXIX	234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	0.05
XXIX	235	Bis(4-chlorophenyl) sulphone	80-07-9	0.05
XXX	236	2,4,6-tri-tert-butylphenol (2,4,6-TTBP)	732-26-3	0.05
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	0.05
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	0.05
XXX	239	Bumetrizole (UV-326)	3896-11-5	0.05
XXX	240	①Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-	0.05
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	0.05
XXXI	242	Triphenyl phosphate	115-86-6	0.05
XXXII	243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl] hexanoic acid	2156592-54-8	0.05
XXXII	244	O,O,O-triphenyl phosphorothioate	597-82-0	0.05
XXXII	245	Octamethyltrisiloxane	107-51-7	0.05
XXXII	246	Perfluamine	338-83-0	0.05
XXXII	247	Reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	0.05
XXXIII	248	1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyl)oxy]trisiloxane	17928-28-8	0.05
XXXIII	249	Decamethyltetrasiloxane	141-62-8	0.05
XXXIII	250	Tetra(sodium/potassium) 7-[(E)-{2-acetamido-4-[(E)-(4-{[4-chloro-6-({2-[(4-fluoro-6-{[4-(vinylsulfonyl)phenyl]amino}-1,3,5-triazine-2-yl)amino]propyl}amino)-1,3,5-triazine-2-yl] amino}-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl} diazenyl]-1,3,6-naphthalenetrisulfonate; Reactive Brown 51	-	0.05
XXXIV	251	1,1'-(ethane-1,2-diyl)bis[pentabromobenzene]	84852-53-9	0.05
XXXV	252	N-hexane	110-54-3	0.05
XXXV	253	4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]diphenol and its salts	-	0.05

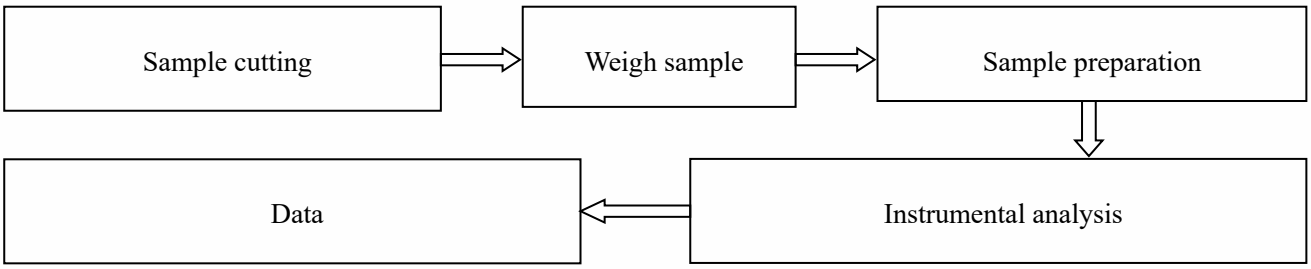
List of intention for identification of SVHC

Batch	No.	Substance Name(s)	CAS No.	RL (%)
※	1	Resorcinol	108-46-3	0.05

REACH Regulation obligation:

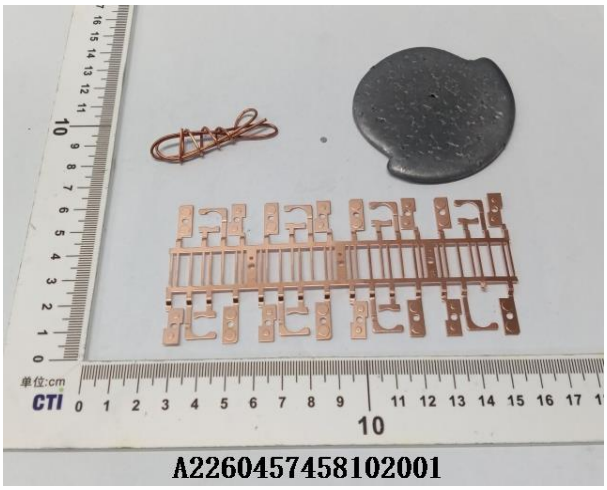
1. In accordance with Article 7(2) of the EU REACH Regulation (No. 1907/2006), any producer or importer of articles shall notify the European Chemicals Agency as stipulated in Article 7(4), if an article contains a substance from the Candidate List of Substances of Very High Concern (SVHCs) and both the following conditions are met:
   (a) the substance is present in those articles in quantities totalling over one tonne per producer or importer per year;
   (b) the substance is present in those articles above a concentration of 0.1 % weight by weight (w/w).
2. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of EU REACH Regulation (No. 1907/2006).
   1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
   2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
3. In accordance with Article 31 of the EU REACH Regulation (No. 1907/2006), the supplier of a substance or a mixture shall provide the recipient of the substance or mixture with a safety data sheet (SDS) for free compiled in accordance with Annex II of REACH.
   1) where a substance or mixture meets the criteria for classification as hazardous in accordance with Regulation (EC) No 1272/2008; or
   2) where a substance is persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII; or
   3) where a substance is included in the list established in accordance with Article 59(1) for reasons other than those referred to in points (a) and (b);
   4) the supplier shall provide the recipient at his request with a safety data sheet (SDS) compiled in accordance with Annex II, where a mixture does not meet the criteria for classification as hazardous in accordance with Titles I and II of Regulation (EC) No 1272/2008, but contains:
   (a) in an individual concentration of ≥ 1 % by weight for non-gaseous mixtures and ≥ 0.2 % by volume for gaseous mixtures at least one substance posing human health or environmental hazards; or
   (b) in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures at least one substance that has been included in the Candidate List of Substances of Very High Concern (SVHCs); or
   (c) a substance for which there are Community workplace exposure limits.
4. Companies supplying articles containing Substances of Very High Concern (SVHCs) on the Candidate List in a concentration above 0.1% weight by weight (w/w) on the EU market have to submit information on these articles to ECHA in accordance with Waste Framework Directive (WFD) (No 2008/98, as from 5 January 2021.

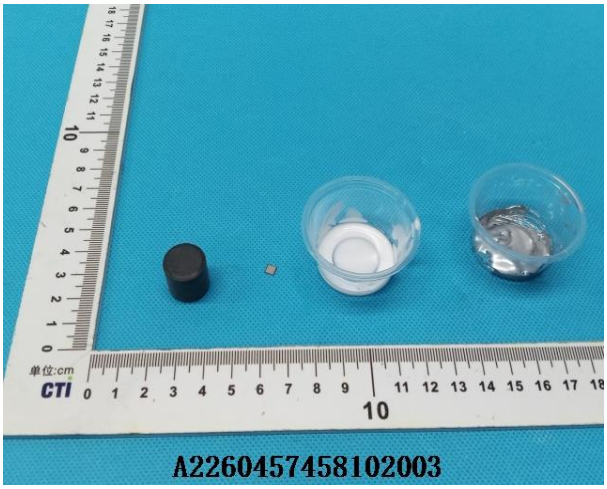
Test Process

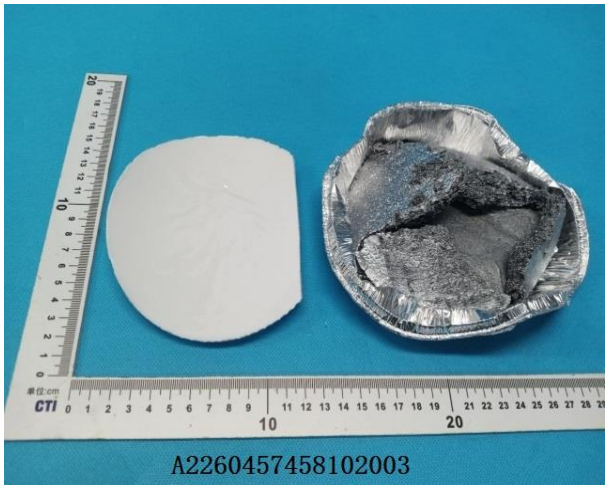


Test Report

Photo(s) of the sample(s)







Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of Report ***

Appendix

Client Reference Information

0402/0603/1.5KE/A405/AKM/BDB/BR-10/BR-15W/BR-3/BR-6/BR-8/
BKM/CSP/D2PAK/D3K/DB/BDB/DBLS/DBS/DFN5x6EP/DFN0603/DFN0603-2L/
DFN1006/DFN1006-2/2L/DFN1006-3/3L/DFN1610/DFN2.6*2.6-10L/DFN2×2-3L/
DFN2510/DFN2X2-6L/DFN3.3X3.3/DFN3x3/DFN4120-10L/DFN5x6/DFN5X6-8L/
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DO277/DO277A/DO34/DO35/DO41/DO41G/DPAK/ESOP-8/HR-MS/HVM/HVML/HVP/
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R16KH/R30KH/R2/R3/R4/R5/R6/R7/R8KH/R9KH/RB-15/RBU/RBUH/RC-2/RS1/RS1L/
RS10M/RS10MLS/RS15M/RS15MLS/RS1M/RS2/RS20M/RS20MLS/RS25M/RS25MLS/RS2L/RS2M/
RS30M/RS35M/RS35TB/RS40M/RS485/RS4L/RS4M/RS50M/RS6/RS6L/RS60M/RS6M/
RS-6MLS/RS8/RS8L/RS8M/RSBF/S35VB/S50VB/SBR/SC-75/SOT416/SKBPC/
SLDBS/SlimPAQ/SlimPAQ-1/SLMDS/SLPDS/SMA（DO214AC）/SMAF/SMA-S/
SMB（DO214AA）/SMBF/SMB-F/SMC（DO214AB）/SMAHE-
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SOD723/SOD80C/SOD882/SOD923/SOF2-4/SOP-8L/SOP-14/SOP-8/SOF2-4/SOT89/
SOT143/SOT223/SOT223-2L/3L/SOT227/SOT23/SOT23-3L/SOT23-3S/SOT23-5/SOT236/
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SOT523/SOT563/SOT723/SOT883/SOT89/SOT89-3L/SSOD923 /SSOT-6L/Sub-SMA/
TO126/TO263/TO220/TO220-3L/TO220A/TO220A-1/TO220AB/TO220AC/
TO220C/TO220F/TO220FAC/TO247/TO247-3L/TO247S/TO251/TO252/TO252-5L/
TO3P/TO92/TO92L/TO92S/TOLL9/TOLL-8L/TQFN16/TSOT23-5/TDFN2x2-6L/TSOT23-6L/
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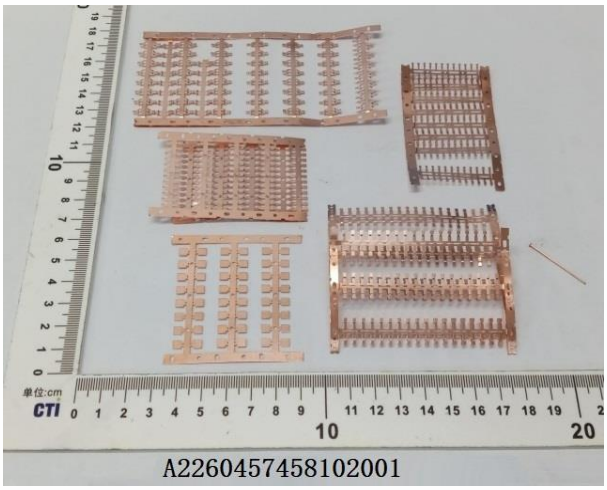
10L/X3DFN2/MBF-T/UMBT/ABS/LBF

Client Reference Photo (Non-tested sample)



Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A2260457458102003.