

**REPORT No.:DTIBW20212491-2** Date: 2021-11-10 Page1of23

Applicant Company Name: Hangzhou LingbanTechnology Co.,LTD

Applicant Company Address: Room 209-6-263, Building 6, 999 Jingxing Road, Cangqian Street, Yuhang

District, Hangzhou City, Zhejiang Province

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name : X-craft

Model No. : RX101, RX103

Sample Receiving Date : November 03, 2021

Testing Period : FromNovember 03, 2021 toNovember 10, 2021

Results : Please refer to next page(s).

**Summary of Test Results:** 

TEST REQUEST CONCLUSION

Two hundred and nineteen (219) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on - (EC) No 1907/2006 concerning the REACH

Pass (As remark)

Remark: According to the specified scope and analytical technique, concentration of each 219 SVHC is <0.1% in

the submitted sample(s)

Shenzhen Deesev Testing International Corp

lab manager

Approved by:



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Results:

Test Portions:

- (1) =Mixture of Metal Parts
- (2) =Mixture of Nonmetal Parts
- (3) =Mixture of PCB
- (4) =Mixture of Battery

A. Two hundred andnineteen (219) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on - (EC) No 1907/2006 concerning the REACH

Test method: With reference to in- house method, DTI-SVHC-001, DTI-SVHC-002, DTI-SVHC-003 DTI-SVHC-004,

DTI-SVHC-005, Analysis is performed by ICP-AES, UV-VIS, GC/MS, HPLC/MS and IC

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E-mail: DTI@deesev.cn



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No.	Items	CAS No.	EC No.	RL(%)		Resu	lts(%)		
NO.	nems	CAS NO.	EC NO.	RL(%)	(1)	(2)	(3)	(4)	
1 <sub>1</sub>	Anthracene (ANT)	120-12-7	204-371-1	0.005	N.D.	N.D.	N.D.	N.D.	(67)
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4	0.005	N.D.	N.D.	N.D.	N.D.	
3	Dibutyl Phthalate(DBP)	84-74-2	201-557-4	0.005	N.D.	N.D.	N.D.	N.D.	
4	Cobalt Dichloride (CoCl <sub>2</sub> )*	7646-79-9	231-589-4	0.01	N.D.	N.D.	N.D.	N.D.	0
5	Diarsenic Pentaoxide(As <sub>2</sub> O <sub>5</sub> )*	1303-28-2	215-116-9	0.01	N.D.	N.D.	N.D.	N.D.	
6	Diarsenic Trioxide(As <sub>2</sub> O <sub>3</sub> )*	1327-53-3	215-481-4	0.01	N.D.	N.D.	N.D.	N.D.	
7	Sodium Dichromate, Dihydrate*	7789-12-0, 10588-01-9	234-190-3	0.01	N.D.	N.D.	N.D.	N.D.	18
8	5-tert-butyl-2,4,6-trinitro-m-xyle ne(musk xylene)	81-15-2	201-329-4	0.005	N.D.	N.D.	N.D.	N.D.	
9	Bis-(2-ethyl(hexyl)Phthalate (DEHP)	117-81-7	204-211-0	0.005	N.D.	N.D.	N.D.	N.D.	90
10	Hexabromocyclododecane (HBCDD)	25637-99-4 & 3194-55-6	247-148-4 221-695-9	0.005	N.D.	N.D.	N.D.	N.D.	
11	Alkanes, C10-13,chloro (Short Chain Chlorinated Paraffins) (SCCP)	85535-84-8	287-476-5	0.01	N.D.	N.D.	N.D.	N.D.	
12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.005	N.D.	N.D.	N.D.	N.D.	
13	Lead Hydrogen Arsenate*	7784-40-9	232-064-2	0.01	N.D.	N.D.	N.D.	N.D.	163
14	Benzyl Butyl Phthalate(BBP)	85-68-7	201-622-7	0.05	N.D.	N.D.	N.D.	N.D.	
15	Triethyl Arsenate*	15606-95-8	427-700-2	0.01	N.D.	N.D.	N.D.	N.D.	
16	<sup>®</sup> Anthracene oil	90640-80-5	292-602-7	0.05	N.D.	N.D.	N.D.	N.D.	3
17	<sup>o</sup> Anthracene oil , anthracene paste, distn . Lights	91995-17-4	295-278-5	0.05	N.D.	N.D.	N.D.	N.D.	
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.05	N.D.	N.D.	N.D.	N.D.	
19	<sup>®</sup> Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.05	N.D.	N.D.	N.D.	N.D.	

\*

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No	(G2), (G2),	CACNO	EC No	DL (0/)	200	Resu	lts(%)	610
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
20	<sup>©</sup> Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.05	N.D.	N.D.	N.D.	N.D
21	Diisobutyl phthalate	84-69-5	201-553-2	0.005	N.D.	N.D.	N.D.	N.D
22	2,4-Dinitrotoluene	121-14-2	204-450-0	0.01	N.D.	N.D.	N.D.	N.D
23	<sup>©</sup> Coal tar pitch, high temperature***	65996-93-2	266-028-2	0.05	N.D.	N.D.	N.D.	N.D
24	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.01	N.D.	N.D.	N.D.	N.D
25	<sup>®</sup> Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.05	N.D.	N.D.	N.D.	N.D
26	<sup>®</sup> Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.05	N.D.	N.D.	N.D.	N.D
27	<sup>®</sup> Lead chromate: chrome yellow	7758-97-6	231-846-0	0.05	N.D.	N.D.	N.D.	N.D
28	Acrylamide	79-06-1	201-173-7	0.01	N.D.	N.D.	N.D.	N.D
29	Trichloroethylene	79-01-6	201-167-4	0.005	N.D.	N.D.	N.D.	N.D
30	<sup>®</sup> Boric acid *	10043-35-3; 11113-50-1	233-139-2; 234-343-4	0.01	N.D.	N.D.	N.D.	N.D
31	<sup>®</sup> Disodium tetraborate, anhydrous	1330-43-4; 12179-04-3; 1303-96-4	215-540-4	0.01	N.D.	N.D.	N.D.	N.D
32	<sup>®</sup> Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.01	N.D.	N.D.	N.D.	N.D
33	Sodium chromate *	7775-11-3	231-889-5	0.01	N.D.	N.D.	N.D.	N.D
34	Potassium chromate*	7789-00-6	232-140-5	0.01	N.D.	N.D.	N.D.	N.D
35	Ammonium dichromate*	7789-09-5	232-143-1	0.01	N.D.	N.D.	N.D.	N.D
36	Potassium dichromate	7778-50-9	231-906-6	0.01	N.D.	N.D.	N.D.	N.D
37	Cobalt(II) sulphate *	10124-43-3	233-334-2	0.01	N.D.	N.D.	N.D.	N.D
38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.01	N.D.	N.D.	N.D.	N.D

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No.	Items	CAS No.	EC No.	DI (9/)		Resu	lts(%)	3(%)	
NO.	items	CAS NO.	EC NO.	RL(%)	(1)	(2)	(3)	(4)	
39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.01	N.D.	N.D.	N.D.	N.D.	
40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.01	N.D.	N.D.	N.D.	N.D	
41	2-Methoxyethanol	109-86-4	203-713-7	0.005	N.D.	N.D.	N.D.	N.D	
42	2-Ethoxyethanol	110-80-5	203-804-1	0.005	N.D.	N.D.	N.D.	N.D	
43	Chromium trioxide*	1333-82-0	215-607-8	0.01	N.D.	N.D.	N.D.	N.D	
44	Chromic acid* Dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01	N.D.	N.D.	N.D.	N.D	
45	1,2,3-trichloropropane	96-18-4	202-486-1	0.01	N.D.	N.D.	N.D.	N.D	
46	Strontium chromate*	7789-06-2	232-142-6	0.01	N.D.	N.D.	N.D.	N.D	
47	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01	N.D.	N.D.	N.D.	N.D	
48	<sup>©</sup> 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01	N.D.	N.D.	N.D.	N.D	
49	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01	N.D.	N.D.	N.D.	N.D	
50	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.01	N.D.	N.D.	N.D.	N.D	
51	<sup>®</sup> 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01	N.D.	N.D.	N.D.	N.D	
52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01	N.D.	N.D.	N.D.	N.D	
53	Potassium hydroxyoctaoxodizin catedi-chromate *	11103-86-9	234-329-8	0.01	N.D.	N.D.	N.D.	N.D	
54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.01	N.D.	N.D.	N.D.	N.D	
55	<sup>®</sup> Aluminosilicate Refractory Ceramic Fibres (Al-RCF)**	(E)(I)	(a) (a)	0.05	N.D.	N.D.	N.D.	N.D	

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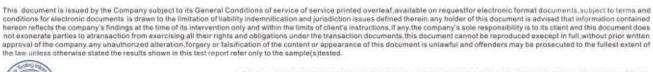
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NI.	Items	CACNO	EC No.	DL (0/)	Results(%)					
No.	items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)		
56	Zirconia AluminosilicateRefract ory Ceramic Fibres (Zr-RCF)**	(a) - (a)	0.00	0.05	N.D.	N.D.	N.D.	N.D.		
57	<sup>®</sup> Formaldehyde, oligomeric reaction products with aniline (technical MDA) <sup>♠</sup>	25214-70-4	500-036-1	0.01	N.D.	N.D.	N.D.	N.D.		
58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.005	N.D.	N.D.	N.D.	N.D.		
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.005	N.D.	N.D.	N.D.	N.D.		
60	4-(1,1,3,3-tetramethylbutyl) phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.005	N.D.	N.D.	N.D.	N.D.		
61	1,2-Dichloroethane	107-06-2	203-458-1	0.005	N.D.	N.D.	N.D.	N.D.		
62	Bis (2-methoxyethyl) ether	111-96-6	203-924-4	0.005	N.D.	N.D.	N.D.	N.D.		
63	Arsenic acid *	7778-39-4	231-901-9	0.01	N.D.	N.D.	N.D.	N.D.		
64	Calcium arsenate*	7778-44-1	231-904-5	0.01	N.D.	N.D.	N.D.	N.D.		
65	Trilead diarsenate*	3687-31-8	222-979-5	0.01	N.D.	N.D.	N.D.	N.D.		
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.005	N.D.	N.D.	N.D.	N.D.		
67	2,2'-dichloro-4,4'- methylenedianiline(MOCA)	101-14-4	202-918-9	0.005	N.D.	N.D.	N.D.	N.D.		
68	Phenolphthalein	77-09-8	201-004-7	0.005	N.D.	N.D.	N.D.	N.D.		
69	Lead azide Lead diazide*	13424-46-9	236-542-1	0.01	N.D.	N.D.	N.D.	N.D.		
70	Lead styphnate*	15245-44-0	239-290-0	0.01	N.D.	N.D.	N.D.	N.D.		
71	Lead dipicrate*	6477-64-1	229-335-2	0.01	N.D.	N.D.	N.D.	N.D.		
72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.01	N.D.	N.D.	N.D.	N.D.		
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.01	N.D.	N.D.	N.D.	N.D.		

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Ma.	(G2), (G2), (G2),	CACALO	EC No.	DI (0/)	333	Resu	lts(%)	
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	N.D. N.D. N.D. N.D. N.D. N.D.	(4)
74	<sup>®</sup> Diboron trioxide**	1303-86-2	215-125-8	0.01	N.D.	N.D.	N.D.	N.D
75	Formamide	75-12-7	200-842-0	0.01	N.D.	N.D.	N.D.	N.D
76	Lead(II) bis(methanesulfonate) **	17570-76-2	401-750-5	0.01	N.D.	N.D.	N.D.	N.D
77	(1,3,5-tris(oxiranylmethyl)-1,3,5 -triazine-2,4,6(1H,3H,5H)-trione	2451-62-9	219-514-3	0.01	N.D.	N.D.	N.D.	N.D
78	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-tria zine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.01	N.D.	N.D.	N.D.	N.D
79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.01	N.D.	N.D.	N.D.	N.D
80	N,N,N',N'-tetramethyl-4,4'-meth ylenedianiline (Michler's base)	101-61-1	202-959-2	0.01	N.D.	N.D.	N.D.	N.D
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5- dien-1-ylidene]dimethylammoni um chloride (C.I. Basic Violet 3) ***	548-62-9	208-953-6	0.05	N.D.	N.D.	N.D.	N.D
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	219-943-6	0.05	N.D.	N.D.	N.D.	N.D
83	α,α-Bis[4-(dimethylamino)phen yl]-4 (phenylamino)naphthalene-1-m ethanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.05	N.D.	N.D.	N.D.	N.D
84	4,4'-bis(dimethylamino)-4"-(met hylamino trityl alcohol	561-41-1	209-218-2	0.05	N.D.	N.D.	N.D.	N.D
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.05	N.D.	N.D.	N.D.	N.D
86	Pentacosafluorotridecanoic acid	72629-94-8	276-745-2	0.05	N.D.	N.D.	N.D.	N.D

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NI.	(G2), (G2), (G2),	CAS No.	EC No.	DI (0/)	(32)	Resu	lts(%)	
No.	Items	CAS NO.	EC NO.	RL(%)	(1)	(2)	(3)	(4)
87	Tricosafluorododecanoic acid	307-55-1	206-203-2	0.05	N.D.	N.D.	N.D.	N.D.
88	Henicosafluoroundecanoic acid	2058-94-8	218-165-4	0.05	N.D.	N.D.	N.D.	N.D.
89	Heptacosafluorotetradecanoic acid	376-06-7	206-803-4	0.05	N.D.	N.D.	N.D.	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phe nol, ethoxylated -covering well-defined substances and UVCBsubstances,polymers and homologues	. (63))	(0.51)	0.05	N.D.	N.D.	N.D.	N.D.
91	<sup>©</sup> 4-Nonylphenol, branched and linear substances with a linear and/or branched alkyl chainwith a carbon number of 9 covalently bound inposition 4to phenol, covering also UVCB-andwell-defined substanceswhich include any of theIndividualisomers or a combination thereof	610 - (61)		0.05	N.D.	N.D.	N.D.	N.D.
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.05	N.D.	N.D.	N.D.	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydridecis-cyclohexane-1,2- dicarboxylicanhydride,trans-cyc lohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05	N.D.	N.D.	N.D.	N.D.
94	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic	25550-51-0, 19438-60-9, 48122-14-1,	247-094-1, 243-072-0, 256-356-4,	0.05	N.D.	N.D.	N.D.	N.D.
	anhydride, Hexahydro-3-methylphathalic anhydride	57110-29-9	260-566-1	0 (6)	7	(0,17)	-	1170

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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Shenzhen Deesey Testing International Corp.



**REPORT No.:DTIBW20212491-2** Date: 2021-11-10

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(2)	Gz., Gz., Gz.,	OAC No	(62)) (C	DL (0/)	900	Resu	lts(%)	(6)10
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
95	Methoxy acetic acid	625-45-6	210-894-6	0.05	N.D.	N.D.	N.D.	N.D.
96	<sup>®</sup> 1,2-Benzenedicarboxylic acid, dipentylester,branched and linear	84777-06-0	284-032-2	0.01	N.D.	N.D.	N.D.	N.D.
97	Diisopentylphthalate (DIPP)	605-50-5	210-088-4	0.005	N.D.	N.D.	N.D.	N.D.
98	N-pentyl-isopentylphtalate	776297-69-9	105	0.005	N.D.	N.D.	N.D.	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.05	N.D.	N.D.	N.D.	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.05	N.D.	N.D.	N.D.	N.D.
101	Dibutyltin dichloride (DBT)	683-18-1	211-670-0	0.05	N.D.	N.D.	N.D.	N.D.
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.01	N.D.	N.D.	N.D.	N.D.
103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	1319-46-6	215-290-6	0.01	N.D.	N.D.	N.D.	N.D.
104	Lead oxide sulfate (basic lead sulfate)	12036-76-9	234-853-7	0.01	N.D.	N.D.	N.D.	N.D.
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	69011-06-9	273-688-5	0.01	N.D.	N.D.	N.D.	N.D.
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.01	N.D.	N.D.	N.D.	N.D.
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.01	N.D.	N.D.	N.D.	N.D.
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.01	N.D.	N.D.	N.D.	N.D.
109	Lead cynamidate	20837-86-9	244-073-9	0.01	N.D.	N.D.	N.D.	N.D.
110	Lead dinitrate	10099-74-8	233-245-9	0.01	N.D.	N.D.	N.D.	N.D.
111	Lead oxide (lead monoxide)	1317-36-8	215-267-0	0.01	N.D.	N.D.	N.D.	N.D.
112	Lead tetroxide (orange lead)	1314-41-6	215-235-6	0.01	N.D.	N.D.	N.D.	N.D.
113	Lead titanium trioxide	12060-00-3	235-038-9	0.01	N.D.	N.D.	N.D.	N.D.
114	Lead Titanium ZirconiumOxide	12626-81-2	235-727-4	0.01	N.D.	N.D.	N.D.	N.D.

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Ma	(G2), (G2), (G2),	CACNO	EC No	DL (0/)	0.77	Resu	(3)	(6)10
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.01	N.D.	N.D.	N.D.	, N.D.
116	Pyrochlore, antimony lead yellow C.I.***	8012-00-8	232-382-1	0.01	N.D.	N.D.	N.D.	N.D.
117	Silicic acid, barium salt, lead-doped	68784-75-8	272-271-5	0.01	N.D.	N.D.	N.D.	N.D.
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.01	N.D.	N.D.	N.D.	N.D.
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.01	N.D.	N.D.	N.D.	N.D.
120	Tetraethyllead	78-00-2	201-075-4	0.01	N.D.	N.D.	N.D.	N.D.
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.01	N.D.	N.D.	N.D.	N.D.
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.01	N.D.	N.D.	N.D.	N.D.
123	Furan	110-00-9	203-727-3	0.05	N.D.	N.D.	N.D.	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.05	N.D.	N.D.	N.D.	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.05	N.D.	N.D.	N.D.	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.05	N.D.	N.D.	N.D.	N.D.
127	3-ethyl-2-methyl-2-(3- methylbutyl)-1,3-oxazolidine3-	143860-04-2	421-150-7	0.05	N.D.	N.D.	N.D.	N.D.
128	Dinoseb	88-85-7	201-861-7	0.05	N.D.	N.D.	N.D.	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.05	N.D.	N.D.	N.D.	N.D.
							1	1

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202-977-0

200-453-6

202-453-1

204-419-1

101-80-4

60-09-3

95-80-7

120-71-8

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N.D.

深圳市德泽威技术检测有限公司

4,4'-oxydianiline and its salts

4-methyl-m-phenylenediamine

4-Aminoazobenzene;

(2,4-toluene-diamine) 6-methoxy-m-toluidine

4-Phenylazoaniline

(p-cresidine)



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			24.0. 202				ago	0
NI.	(62) (62)	CACNO	EC No.	DI (0/)	0 7.00	Resu	lts(%)	(6)10
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.05	N.D.	N.D.	N.D.	N.D.
135	o-aminoazotoluene	97-56-3	202-591-2	0.05	N.D.	N.D.	N.D.	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.05	N.D.	N.D.	N.D.	N.D.
137	N-methylacetamide	79-16-3	201-182-6	0.05	N.D.	N.D.	N.D.	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.05	N.D.	N.D.	N.D.	N.D.
139	Cadmium	7440-43-9	231-152-8	0.01	N.D.	N.D.	N.D.	N.D.
140	Cadmium oxide	1306-19-0	215-146-2	0.01	N.D.	N.D.	N.D.	N.D.
141	Ammonium pentadecafluorooctanoate	3825-26-1	223-320-4	0.01	N.D.	N.D.	N.D.	N.D.
142	Pentadecafluorooctanoic acid	335-67-1	206-397-9	0.01	N.D.	N.D.	N.D.	N.D.
143	Dipentyl phthalate	131-18-0	205-017-9	0.005	N.D.	N.D.	N.D.	N.D.
(B)	<sup>®</sup> 4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound	[0]()	(0.11)	p(I)	60	(0)	0	10 51
144	in position 4 to phenol, ethoxylated covering UVCB-and well-defined substances, polymers and homologues, which include any of the individual isomers	(em)	67II [67II	0.05	N.D.	N.D.	N.D.	N.D
145	and/or combinations thereof ]	1306-23-6	215-147-8	0.01	N.D.	N.D.	N.D.	N.D.
140	Cadmium sulphide Disodium3,3'-[[1,1'-biphenyl]-4,	1300-23-0	210-14/-0	0.01	IN.D.	IN.D.	IN.D.	וא.ט
146	4'-diylbis(azo)]bis(4-aminonap hthalene-1-sulphonate)(C.I.	573-58-0	209-358-4	0.01	N.D.	N.D.	N.D.	N.D

5. 65. 65. 165. 165. 165. 165. 165.

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hthalene-1-sulphonate)(C.I.

Direct Red 28)\*\*\*



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023	(G2) (G2) (G2)	(02)	(63), (6	(a)	Results(%)					
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)		
147	38Disodium4-amino-3-[[4'-[(2,4-d iaminophenyl)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	0.01	N.D.	N.D.	N.D.	N.D.		
148	Dihexyl phthalate(DHXP)	84-75-3	201-559-5	0.005	N.D.	N.D.	N.D.	N.D.		
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.01	N.D.	N.D.	N.D.	N.D.		
150	Lead di(acetate)	301-04-2	206-104-4	0.01	N.D.	N.D.	N.D.	N.D.		
151	<sup>®</sup> Trixylyl phosphate	25155-23-1	246-677-8	0.01	N.D.	N.D.	N.D.	N.D.		
152	cadmium dichloride	10108-64-2	233-296-7	0.01	N.D.	N.D.	N.D.	N.D.		
153	<sup>©</sup> 1,2-benzenedicarboxylic acid dihexyl ester branched and linear	68515-50-4	271-093-5	0.01	N.D.	N.D.	N.D.	N.D.		
154	<sup>®</sup> Sodium peroxometaborate	7632-04-4	231-556-4	0.01	N.D.	N.D.	N.D.	N.D.		
155	<sup>®</sup> Sodium perborate; perboric acid,sodium salt	-11	239-172-9; 234-390-0	0.01	N.D.	N.D.	N.D.	N.D.		
156	Cadmium fluoride	7790-79-6	232-222-0	0.01	N.D.	N.D.	N.D.	N.D.		
157	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	0.01	N.D.	N.D.	N.D.	N.D.		
158	UV-320	3846-71-7	223-346-6	0.01	N.D.	N.D.	N.D.	N.D.		
159	UV-328	25973-55-1	247-384-8	0.01	N.D.	N.D.	N.D.	N.D.		
160	2-ethylhexyl10-ethyl-4,4-dioctyl-7 -oxo-8-oxa-3,5-dithia-4-stannatet radecanoate(DOTE)	15571-58-1	239-622-4	0.05	N.D.	N.D.	N.D.	N.D.		

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(2)	(62), (62),	CAS No.	EC No.	DI (0/)		Results(%)		
No.	Items	CAS NO.	EC No.	RL(%)	(1)	(2)	(3)	(4)
	Reactionmassof2-ethylhexyl10-e thyl-4,4-dioctyl-7-oxo-8-oxa-3,5- dithia-4-stannatetradecanoatean	(61) (61		(678)	(6)	(3)	(0)(1)	
161	d2-ethylhexyl10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(reactionmass of DOTE andMOTE)	677	10711	0.05	N.D.	N.D.	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; Di-n-hexyl phthalate (DnHP)	68515-51-5; 68648-93-1;	271-094-0; 272-013-1;	0.05	N.D.	N.D.	N.D.	N.D.
18	Karanal(5-sec-butyl-2-(2,4-dimet hylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1],5-sec-butyl-2-	(in) (in)	(617)	(613)	(65)		(071)	(6
163	(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]	(BED)	0.05	N.D.	N.D.	N.D.	N.D.
164	1,3-propanesultone	1120-71-4	214-317-9	0.01	N.D.	N.D.	N.D.	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenz otriazol-2-yl)phenol(uv-327)	3864-99-1	223-383-8	0.01	N.D.	N.D.	N.D.	N.D.
166	2-2(2H-benzotriazol-2-yl)-4- (tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.01	N.D.	N.D.	N.D.	N.D.
167	Nitrobenzene	98-95-3	202-716-0	0.01	N.D.	N.D.	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	0.01	N.D.	N.D.	N.D.	N.D.
169	Benzo[def]chrysene(Benzo[a]pyr ene)	50-32-8	200-028-5	0.01	N.D.	N.D.	N.D.	N.D.

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331	(62), (62), (62)	OAC N	EO N	DI (O()		Resu	lts(%)	(6)10
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.01	N.D.	N.D.	N.D.	N.D.
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	 206-400-3 221-470-5	0.01	N.D.	N.D.	N.D.	N.D.
172	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.01	N.D.	N.D.	N.D.	N.D.
173	4-heptylphenol, branched and linear (4-HPbl)	(6)33	105	0.01	N.D.	N.D.	N.D.	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	_ DBS	-	0.01	N.D.	N.D.	N.D.	N.D.
175	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1 .16,9.02,13.05,10]octadeca-7,1 5-diene ("Dechlorane Plus"TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	0.11 (0.11 (0.11)	(0,t) (0,t)	0.01	N.D.	N.D.	N.D.	N.D.
176	Benz[a]anthracene	56-55-3	200-280-6	0.01	N.D.	N.D.	N.D.	N.D.
177	Cadmium nitrate	10325-94-7	233-710-6	0.01	N.D.	N.D.	N.D.	N.D.
178	Cadmium carbonate	513-78-0	208-168-9	0.01	N.D.	N.D.	N.D.	N.D.
179	Cadmium hydroxide	21041-95-2	244-168-5	0.01	N.D.	N.D.	N.D.	N.D.
180	Chrysene	218-01-9	205-923-4	0.01	N.D.	N.D.	N.D.	N.D.
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithion e, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)[with ≥0.1% w/w	D (67)	(67)	0.01	N.D.	N.D.	N.D.	N.D.
72	4-heptylphenol, branched and linear]	(a,0)	(D.17) (D.	(p)	0	(0,0)		0,572
182	Benzene -1,2,4- tricarboxylic acid 1,2- anhydride (TMA)	552-30-7	209-008-0	0.01	N.D.	N.D.	N.D.	N.D.

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深圳市德泽威技术检测有限公司



Date: 2021-11-10

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REPORT No.:DTIBW20212491-2

21	(Q2), (Q2), (Q2),	(673)	(63) (6	DI (0()	3/3/2	670		
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
183	Dicyclohexyl phthalate	84-61-7	201-545-9	0.01	N.D.	N.D.	N.D.	N.D.
184	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.01	N.D.	N.D.	N.D.	N.D
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.01	N.D.	N.D.	N.D.	N.D
186	Dodecamethylcyclohexasiloxan e (D6)	540-97-6	208-762-8	0.01	N.D.	N.D.	N.D.	N.D
187	Lead	7439-92-1	231-100-4	0.01	N.D.	N.D.	N.D.	N.D
188	Disodium octaborate	12008-41-2	234-541-0	0.01	N.D.	N.D.	N.D.	N.D
189	Benzo[ghi]perylene	191-24-2	205-883-8	0.01	N.D.	N.D.	N.D.	N.D
190	Terphenyl hydrogenated	61788-32-7	262-967-7	0.01	N.D.	N.D.	N.D.	N.D
191	Ethylenediamine	107-15-3	203-468-6	0.01	N.D.	N.D.	N.D.	N.D
192	2,2-bis(4'-hydroxyphenyl)-4-met hylpentane	401-720-1	6807-17-6	0.01	N.D.	N.D.	N.D.	N.D
193	Benzo[k]fluoranthene	205-916-6	207-08-9	0.01	N.D.	N.D.	N.D.	N.D
194	Fluoranthene	205-912-4	206-44-0	0.01	N.D.	N.D.	N.D.	N.D
195	Phenanthrene	201-581-5	85-01-8	0.01	N.D.	N.D.	N.D.	N.D
196	Pyrene	204-927-3	129-00-0	0.01	N.D.	N.D.	N.D.	N.D

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

15087-24-8

98-54-4

239-139-9

202-679-0

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197

198

0.01

0.01

N.D.

N.D.

N.D.

N.D.

1,7,7-trimethyl-3-(phenylmethyl

ene)bicyclo[2.2.1]heptan-2-one

(3-benzylidene camphor)

4-tert-butylphenol(PTBP)



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NI-	(G.), (G.), (G.))	040 N - (5	DI (O()	Results(%)				
No.	Items	CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)
199	HFPO-DA 2,3,3,3-tetrafluoro-2(heptafluor opropoxy)propionic acid, its salts and its acyl halides(covering any of their individual isomers and combinations thereof	(671)	0 (00)	0.01	N.D.	N.D.	N.D.	N.D.
200	2-methoxyethyl acetate	110-49-6	203-772-9	0.01	N.D.	N.D.	N.D.	N.D.
201	TNPP Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	(673)	(příl - (pří	0.01	N.D.	N.D.	N.D.	N.D.
202	2-benzyl-2-dimethylamino-4'-m orpholinobutyrophenone	119313-12-1	(ISS)	0.01	N.D.	N.D.	N.D.	N.D.
203	2-methyl-1-(4-methylthiophenyl )-2-morpholinopropan-1-one	71868-10-5	0.00	0.01	N.D.	N.D.	N.D.	N.D.
204	Diisohexyl phthalate	71850-09-4	276-090-2	0.01	N.D.	N.D.	N.D.	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	10711	DELL	0.01	N.D.	N.D.	N.D.	N.D.
206	1-vinylimidazole	1072-63-5	214-012-0	0.01	N.D.	N.D.	N.D.	N.D.
207	2-methylimidazole	693-98-1	211-765-7	0.01	N.D.	N.D.	N.D.	N.D.
208	Butyl4-hydroxybenzoate	94-26-8	202-318-7	0.01	N.D.	N.D.	N.D.	N.D.
209	Dibutylbis ( pentane-2 , 4-dionato- O , O ) tin	22673-19-4	245-152-0	0.01	N.D.	N.D.	N.D.	N.D.
210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.01	N.D.	N.D.	N.D.	N.D.
211	Dioctyltin dilaurate, stannane, Dioctyl-, bis(cocoacyloxy) derivs, and any other stannane, dioctyl-, bis(fatty acyloxy) derivs, wherein C12 is the predominant carbon number of the fatty acyloxy moiety	(0.0)	(B <sub>11)</sub> (B <sub>1</sub>	0.01	N.D.	N.D.	N.D.	N.D.

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REPO	ORT No.:	DTIBW202	12491-2		Date: 202	Page17of23					
No.	- Pier	Phone	175	0404	FON	S DI (0()	Results(%)				
NO.	1000	Items		CAS No.	EC No.	RL(%)	(1)	(2)	(3)	(4)	
212	1,4-dioxar	ne		123-91-1	204-661-8	0.01	N.D.	N.D.	N.D.	N.D.	
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	0.01	N.D.	N.D.	N.D.	N.D.	(6)	
214	2-(4-tert-b	outylbenzyl) p ndits individua		-	-	0.01	N.D.	N.D.	N.D.	N.D.	
215		ethylpropylide (bisphenol B		77-40-7	201-025-1	0.01	N.D.	N.D.	N.D.	N.D.	i
216	Glutaral			111-30-8	203-856-5	0.01	N.D.	N.D.	N.D.	N.D.	
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with			6ff) (6ff)	(678)	0.01	N.D.	N.D.	N.D.	N.D.	1
	carbon ch	ain lengths w from C14 to	vithin	[070]	(07/1)	(Dia	(1)	[0]	V	1030	
218	Orthoborio	c acid, sodiur	n salt	13840-56-7	237-560-2	0.01	N.D.	N.D.	N.D.	N.D.	
219	(mainly in C12-rich t alkyl chair	sation, coveri	n) with near	600 0	(I) (O)	0.01	N.D.	N.D.	N.D.	N.D.	(i

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#### Note:

w/w % = weight by weight
 N.D. = Not Detected or less than MDL

- \*:Concentration value of the substance bythe conversion from the test results of certain elements. Concentration value of Bis(tributyltin)oxide(TBTO), 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) by the conversion from the test results of certain compounds (Tributyl Tins(TBT), Dioctyl Tins(DOT), Monooctyl Tins(MOT)).
- \*\*:All refractory ceramic fibres are coveredby index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packagingof chemical substances and mixtures, the so called CLP Regulation(Regulation (EC) No 1272/2008).
- \*\*\*:C.I.: Colour Index
- \*\*\*\*:Light fractions from distillation
- \*\*\*\*\*:Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with noconsider of the hydrate.
- \*:Concentration value of Formaldehyde, oligomeric reaction products with aniline (technical MDA) by the conversion from the test results of certain compounds (2,4-Diaminodiphenylmethane, 4,4'-Diaminodiphenylmethane, 2,6-Diaminodiphenylmethane).
- ":In view of the substances are established as UVCB substances(substancesof 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 therepresentative compounds for substances.
- ©: In view of the substance containvariable 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 basedon the result of specified heavy metal elements.
- © :Concentration value of Boric acid; Disodiumtetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate; Diboron trioxide; Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is calculated by the conversion from the test resultsof certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials issuggested to be checked for further confirmation

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#### Remark:

- 1.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 Article33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restrictionof Chemicals (REACH).
  - 1) Any supplier shall provide the recipient of the article with sufficient information to allowsafe 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.
  - 2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for freecompiled in accordance with Article 3 and Annex II of REACH.
  - 3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
  - 1)Anysupplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
  - 2)Any supplier shall provide the recipient of the mixture with a safety data sheet for free where apreparation does not meet the criteria for classification as dangerous in accordance with Directive1999/45/EC, butcontains any substance that is included in the Candidate List in an individualconcentration of ≥ 0.1 % by weight for non-gaseous mixtures or≥0.2 % by volume for gaseousmixtures.
- Decision rule: According to DTI-CX-39-2020 《Decision rule for conformity of the test results》.
- Flow chart appendix is included.

-	Photo appendix is included.	

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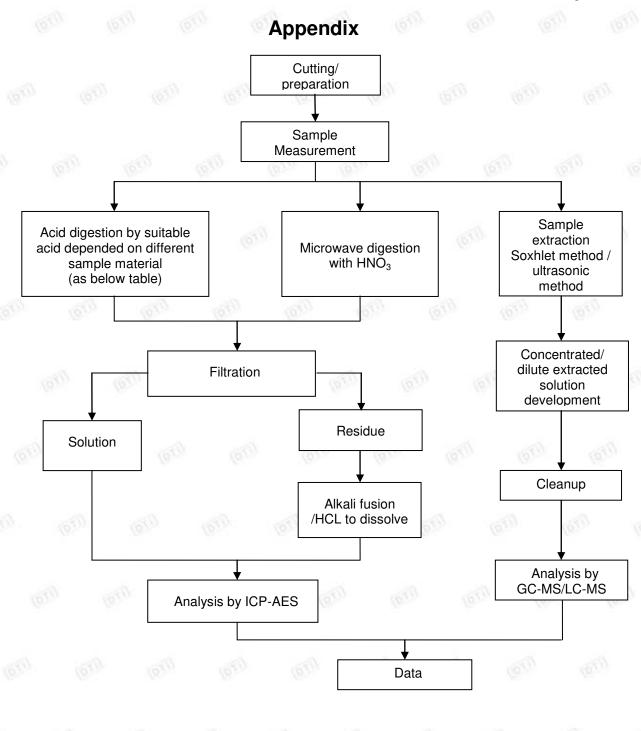


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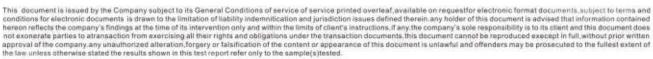


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#### Table:

Sample material	Digestion Acid					
Steel, copper, aluminum, solder	Aqua regia, HNO <sub>3</sub> , HCL, HF, H <sub>2</sub> O <sub>2</sub>					
Glass	HNO <sub>3</sub> /HF					
Gold, platinum, palladium, ceramic	Aqua regia					
Silver	HNO <sub>3</sub>					
Plastic	H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub> O <sub>2</sub> , HNO <sub>3</sub> ,HCL					
Others	Any acid to total digestion					

\*





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Photograph of Sample



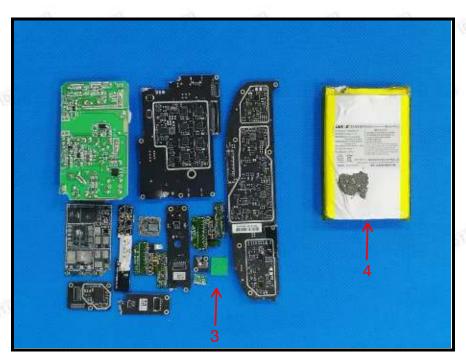
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