No.: TS24010772 Date:2024-01-30

Verify authenticity

ASSESSMENT REPORT PROPOSAL IN COMPLIANCE WITH REACH

We have been commissioned by the client to conduct REACH compliance assessment on their products (Contract No.: TS24010772). We have assessed the client's product under the European Regulation (EC) No 1907/2006 (hereinafter referred as REACH Regulation), including product categories, substances list, SVHC (Substances of Very High Concern) as well as the client's responsibilities and obligations for this product under REACH Regulation. The results of the assessment and our proposals are described as follows:

1. Client's Information

Name:	Hangzhou Todaytec Digital Co.,Ltd.
Address:	No.600 Kangxin Road, Qianjiang Economic Development Zone, Yuhang, Hangzhou

2. Product Identification

Product name:	Barcode ribbon
Type/ model:	N/A
Other Info.:	N/A
Physical appearance/colour:	Solid/Black
Product type:	Article

3. Product Substances Information

3.1 Substance on its own or in mixtures

Index	Substance name	CAS No.	EC No.	Tone
N/A	N/A	N/A	N/A	N/A

3.2 Substance in article intended to be released

Index	Substance name	CAS No.	EC No.	Tone
N/A	N/A	N/A	N/A	N/A

4. Responsibilities and Obligations

4.1 Registration

4.1.1 According to the definition in Article 3(3), Chapter 2, Title I, the client's product, Barcode ribbon is regarded as "Article" under REACH Regulation.

4.1.2 According to Article 7(1), Chapter 2, Title 2 of REACH Regulation, there is no substance intended to be released under normal or reasonably foreseeable conditions of use in the client's product. Therefore, registration is not required.

4.2 Notification

As the concentrations of the SVHCs defined in Article 57 of REACH Regulation in the client's products are less than 0.1% weight by weight (w/w), the obligation of notification is not required according to Article 7(2) under REACH Regulation.

Note: On 10 September 2015, European Court of Justice (ECJ) made a ruling regarding REACH Regulation that each single article rather than an assembled article is the reference for the identification of substances of very high concern (hereinafter referred as "SVHC"). So the testing result obtained when assembled article is the reference for SVHC testing cannot be applied to such identification and will be invalid after the ruling.

4.3 Information Communication down the Supply Chain

As the concentrations of the SVHCs in the client's product are less than 0.1% weight by weight (w/w), the obligation of communicating information down the supply chain is not required in accordance with Article 33 of REACH Regulation.

4.4 Others

4.4.1 Authorisation

Since the manufacture of this product is based outside the EU, and the lifecycle of related substances outside EU is irrelevant with respect to REACH Regulation, there is no obligation of authorisation required for the client's product.

4.4.2 Restriction

The directive on marketing and use of dangerous substances 76/769/EEC have been repealed since 1 June 2009, and the client should follow the restriction conditions outlined in Annex XVII in REACH Regulation from then on.

As we haven't received any testing request of Restricted Substance from our client, the detail of restricted substance in the product is unknown.

5. Assessment Conclusions

According to the product information provided by the client and related Articles of REACH Regulation, we draw the conclusion that:

The products supplied by the client comply with REACH Regulation about SVHC as it currently stands.

6. Proposal for REACH Compliance

6.1 The client should inform his downstream users that the products mentioned above comply with REACH Regulation as soon as possible.

6.2 The client should pay constant attention to the SVHCs in the candidate list and the restricted substance in the annex XVII, Also need to fulfil related obligations if necessary. This list may be updated regularly and it is important to monitor any changes to it.

6.3 The client should ensure the products are consistent with the sample provided to Chemical Inspection & Regulation Service Limited. The supplier is required to notify the applicant in time when the product provided changes.

Contact information:

Office in Europe	China Office
CIRS Europe	*CIRS China*
Chemical Inspection & Regulation Service Limited	*Hangzhou C&K Testing Technic Co., Ltd.*
Address:	*Address:*
CIRS, Regus Harcourt Centre, Dublin, Ireland, D02 HW77	*1/F, 4th Building, Huaye Hi-tech Industrial Park, No. 1180 Bin'an Road, Binjiang District, Hangzhou, Zhejiang Province*
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HANGZHOU C&K TESTING TECHNIC CO.,LTD. C&K INSPECTION TESTING ONLY

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Zhang Yangyang
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STATEMENT

First: Instruction for the assessment conclusion

The above assessment conclusions that we have made is based on the understanding and analysis of the consignor's product and REACH regulation and only applies to the situation described in the report. This conclusion does not apply to any enterprise or product that fails to meet the description.

As parts of REACH regulation (for example Annex XIV) are still under modification, the above conclusion only applies to REACH regulation as it currently stands.

This report is only used to assist the consignor to know his own responsibility and obligation under REACH Regulation, and provide the actors in his supply chain with evidence that his products are in compliance with REACH regulation.

The consignor should study this report carefully. If there is any doubt or suggestion, please contact us and we will do our best to clarify and include any necessary amendments.

Second: Disclaimer Statement

We undertake no responsibility and no obligation to verify the authenticity of information supplied by the consignor.

The client should ensure the exported products are consistent with the sample provided to our company in material, vendors and production process. We can't be held responsible or bear any consequence which may result from differences between the sample products provided to us and the exported products.

We have completed this report with all professional competence, responsibility and reasonable due diligence, however due to the limited approach to the consignor, the products and the market we can't guarantee that the content of the report is fully accurate.

Consignor should make a cautious decision to adopt the assessment conclusion of this report. We assume no liability for any loss incurred as a result of the use of the conclusion.

Third: Privacy statement and others

This report has been completed by us independently. We guarantee that we shall not disclose information in the above report to any third party (except with the express written permission of consignor). We shall assume no responsibility for any loss caused by disclosure of the report.

We suggest that before offering the report the consignor should sign a security agreement with the third party in order to keep the information of consignor and products in the report from disclosure.

Hangzhou C&K Testing Technic Co., Ltd.

ANNEX 1 TEST RESULTS OF SVHC (SUBSTANCE OF VERY HIGH

Sample Description:

Name:	Barcode ribbon
Description:	Black Solid
Date of receiving sample:	2024-01-25
Date of test:	2024-01-25 ~2024-01-30
Test requested:	Two hundred and forty (240) Substances of Very High Concern (SVHC) analysis. SVHC list is based on the publication by European Chemical Agency (ECHA) on 28 October 2008, 13 January 2010, 30 March 2010, 18 June 2010, 15 December 2010, 20 June 2011, 19 December 2011, 18 June 2012, 19 December 2012, 20 June 2013, 16 December 2013, 16 June 2014, 17 December 2014, 15 June 2015, 17 December 2015, 20 June 2016, 12 January 2017, 7 July 2017, 15 January 2018, 27 June 2018, 15 January 2019, 16 July 2019, 16 January 2020, 16 June 2020, 19 January 2021, 8 July 2021, 17 January 2022, 10 June 2022, 17 January 2023, 14 June 2023 and 23 January 2024 regarding regulation (EC) No 1907/2006 concerning the REACH.

1. Test parts and photos:

Serial number	Parts Name
1	Barcode ribbon

Sample Photo:

1

2. Test results:

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	100	mg/kg	N.D.
2	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	100	mg/kg	N.D.
3	Alkanes, C10-13,chloro (Short Chain Chlorinated Paraffins)	85535-84-8	100	mg/kg	N.D.
4	Anthracene	120-12-7	100	mg/kg	N.D.
5	Benzyl butyl phthalate (BBP)	85-68-7	100	mg/kg	N.D.
6	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	100	mg/kg	N.D.
7	Bis(tributyltin)oxide (TBTO)	56-35-9	100	mg/kg	N.D.
8	Cobalt dichloride	7646-79-9	100	mg/kg	N.D.
9	Diarsenic pentaoxide	1303-28-2	100	mg/kg	N.D.
10	Diarsenic trioxide	1327-53-3	100	mg/kg	N.D.
11	Dibutyl phthalate (DBP)	84-74-2	100	mg/kg	N.D.
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Hexabromocyclododecane, 1,2,5,6,9,10-hexabromocyclododecane, Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6 134237-50-6 134237-51-7 134237-52-8	100	mg/kg	N.D.
13	Lead hydrogen arsenate	7784-40-9	100	mg/kg	N.D.
14	Sodium dichromate	7789-12-0, 10588-01-9	100	mg/kg	N.D.
15	Triethyl arsenate	15606-95-8	100	mg/kg	N.D.
16	2,4-Dinitrotoluene	121-14-2	100	mg/kg	N.D.
17	Anthracene oil	90640-80-5	100	mg/kg	N.D.
18	Anthracene oil, anthracene paste	90640-81-6	100	mg/kg	N.D.
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	100	mg/kg	N.D.
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	100	mg/kg	N.D.
21	Anthracene oil, anthracene-low	90640-82-7	100	mg/kg	N.D.
22	Diisobutyl phthalate	84-69-5	100	mg/kg	N.D.
23	Lead chromate	7758-97-6	100	mg/kg	N.D.
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	100	mg/kg	N.D.
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	100	mg/kg	N.D.
26	Pitch, coal tar, high temp.	65996-93-2	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
27	Tris(2-chloroethyl) phosphate	115-96-8	100	mg/kg	N.D.
28	Acrylamide	79-06-1	100	mg/kg	N.D.
29	Ammonium dichromate	7789-09-5	100	mg/kg	N.D.
30	Boric acid (Boric acid; Boric acid, crude natural)	10043-35-3, 11113-50-1	100	mg/kg	N.D.
31	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	100	mg/kg	N.D.
32	Potassium chromate	7789-00-6	100	mg/kg	N.D.
33	Potassium dichromate	7778-50-9	100	mg/kg	N.D.
34	Sodium chromate	7775-11-3	100	mg/kg	N.D.
35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	100	mg/kg	N.D.
36	Trichloroethylene	79-01-6	100	mg/kg	N.D.
37	2-Ethoxyethanol	110-80-5	100	mg/kg	N.D.
38	2-Methoxyethanol	109-86-4	100	mg/kg	N.D.
39	Acids generated from chromium trioxide and their oligomers (Dichromic acid, Oligomers of chromic acid and dichromic acid, Chromic acid)	13530-68-2, 7738-94-5	100	mg/kg	N.D.
40	Chromium trioxide	1333-82-0	100	mg/kg	N.D.
41	Cobalt (II) carbonate	513-79-1	100	mg/kg	N.D.
42	Cobalt(II) diacetate	71-48-7	100	mg/kg	N.D.
43	Cobalt(II) dinitrate	10141-05-6	100	mg/kg	N.D.
44	Cobalt (II) sulphate	10124-43-3	100	mg/kg	N.D.
45	1,2,3-trichloropropane	96-18-4	100	mg/kg	N.D.
46	1, 2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	100	mg/kg	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	100	mg/kg	N.D.
48	1-Methyl-2-pyrrolidone (NMP)	872-50-4	100	mg/kg	N.D.
49	2-Ethoxyethyl acetate	111-15-9	100	mg/kg	N.D.
50	Hydrazine	7803-57-8 302-01-2	100	mg/kg	N.D.
51	Strontium chromate	7789-06-2	100	mg/kg	N.D.
52	1,2-dichloroethane	107-06-2	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	100	mg/kg	N.D.
54	2-Methoxyaniline, o-Anisidine	90-04-0	100	mg/kg	N.D.
55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	100	mg/kg	N.D.
56*	Aluminosilicate Refractory Ceramic Fibres	--	100	mg/kg	N.D.
57	Arsenic acid	7778-39-4	100	mg/kg	N.D.
58	Bis(2-methoxyethyl) ether	111-96-6	100	mg/kg	N.D.
59	Bis(2-methoxyethyl) phthalate	117-82-8	100	mg/kg	N.D.
60	Calcium arsenate	7778-44-1	100	mg/kg	N.D.
61	Dichromium tris(chromate)	24613-89-6	100	mg/kg	N.D.
62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	100	mg/kg	N.D.
63	Lead diazide, Lead azide	13424-46-9	100	mg/kg	N.D.
64	Lead dipicrate	6477-64-1	100	mg/kg	N.D.
65	Lead styphnate	15245-44-0	100	mg/kg	N.D.
66	N,N-dimethylacetamide	127-19-5	100	mg/kg	N.D.
67	Pentazinc chromate octahydroxide	49663-84-5	100	mg/kg	N.D.
68	Phenolphthalein	77-09-8	100	mg/kg	N.D.
69	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	100	mg/kg	N.D.
70	Trilead diarsenate	3687-31-8	100	mg/kg	N.D.
71*	Zirconia Aluminosilicate, Refractory Ceramic Fibres	--	100	mg/kg	N.D.
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	100	mg/kg	N.D.
73	1,2-bis (2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	100	mg/kg	N.D.
74	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	100	mg/kg	N.D.
75	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	100	mg/kg	N.D.
76**	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	100	mg/kg	N.D.
77	4,4'-bis (dimethylamino) benzophenone (Michler's ketone)	90-94-8	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
78**	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1 -ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	100	mg/kg	N.D.
79**	[4-[[4-anilino-1-naphthyl][4-(dimethyl amino)phenyl]methylene]cyclohexa-2, 5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	100	mg/kg	N.D.
80	Diboron trioxide	1303-86-2	100	mg/kg	N.D.
81	Formamide	75-12-7	100	mg/kg	N.D.
82	Lead (II) bis (methanesulfonate)	17570-76-2	100	mg/kg	N.D.
83	N, N, N', N' –tetramethyl -4,4' -methylenedianiline (Michler's base)	101-61-1	100	mg/kg	N.D.
84**	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	100	mg/kg	N.D.
85	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	100	mg/kg	N.D.
86	1,2-diethoxyethane	629-14-1	100	mg/kg	N.D.
87	1-bromopropane (n-propyl bromide)	106-94-5	100	mg/kg	N.D.
88	3-ethyl-2-methyl-2-(3-methylbutyl)-1, 3-oxazolidine	143860-04-2	100	mg/kg	N.D.
89	4,4'-methylenedi-o-toluidine	838-88-0	100	mg/kg	N.D.
90	4,4'-oxydianiline and its salts (4,4'-oxydianiline)	101-80-4	100	mg/kg	N.D.
91	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	--	100	mg/kg	N.D.
92	4-aminoazobenzene	60-09-3	100	mg/kg	N.D.
93	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	100	mg/kg	N.D.
94	4-Nonylphenol, branched and linear	--	100	mg/kg	N.D.
95	6-methoxy-m-toluidine (p-cresidine)	120-71-8	100	mg/kg	N.D.
96	[Phthalato(2-)]dioxotrilead	69011-06-9	100	mg/kg	N.D.
97	Acetic acid, lead salt, basic	51404-69-4	100	mg/kg	N.D.
98	Biphenyl-4-ylamine	92-67-1	100	mg/kg	N.D.
99	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
100	Cyclohexane-1,2-dicarboxylic anhydride(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	100	mg/kg	N.D.
101	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	123-77-3	100	mg/kg	N.D.
102	Dibutyltin dichloride (DBTC)	683-18-1	100	mg/kg	N.D.
103	Diethyl sulphate	64-67-5	100	mg/kg	N.D.
104	Diisopentyl phthalate (DIPP)	605-50-5	100	mg/kg	N.D.
105	Dimethyl sulphate	77-78-1	100	mg/kg	N.D.
106	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	100	mg/kg	N.D.
107	Dioxobis(stearato)trilead	12578-12-0	100	mg/kg	N.D.
108	Fatty acids, C16-18, lead salts	91031-62-8	100	mg/kg	N.D.
109	Furan	110-00-9	100	mg/kg	N.D.
110	Henicosafluoroundecanoic acid	2058-94-8	100	mg/kg	N.D.
111	Heptacosafluorotetradecanoic acid	376-06-7	100	mg/kg	N.D.
112	Hexahydromethylphthalic anhydride (Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 57110-29-9	100	mg/kg	N.D.
113	Lead bis(tetrafluoroborate)	13814-96-5	100	mg/kg	N.D.
114	Lead cynamidate	20837-86-9	100	mg/kg	N.D.
115	Lead dinitrate	10099-74-8	100	mg/kg	N.D.
116	Lead monoxide (Lead oxide)	1317-36-8	100	mg/kg	N.D.
117	Lead oxide sulfate	12036-76-9	100	mg/kg	N.D.
118	Lead titanium trioxide	12060-00-3	100	mg/kg	N.D.
119	Lead titanium zirconium oxide	12626-81-2	100	mg/kg	N.D.
120	Methoxyacetic acid	625-45-6	100	mg/kg	N.D.
121	Methyloxirane (Propylene oxide)	75-56-9	100	mg/kg	N.D.
122	N,N-dimethylformamide	68-12-2	100	mg/kg	N.D.
123	N-methylacetamide	79-16-3	100	mg/kg	N.D.
124	N-pentyl-isopentylphthalate	776297-69-9	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
125	o-aminoazotoluene	97-56-3	100	mg/kg	N.D.
126	o-toluidine	95-53-4	100	mg/kg	N.D.
127	Orange lead (Lead tetroxide)	1314-41-6	100	mg/kg	N.D.
128	Pentacosafluorotridecanoic acid	72629-94-8	100	mg/kg	N.D.
129	Pentalead tetraoxide sulphate	12065-90-6	100	mg/kg	N.D.
130	Pyrochlore, antimony lead yellow	8012-00-8	100	mg/kg	N.D.
131	Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped	68784-75-8	100	mg/kg	N.D.
132	Silicic acid, lead salt	11120-22-2	100	mg/kg	N.D.
133	Sulfurous acid, lead salt, dibasic	62229-08-7	100	mg/kg	N.D.
134	Tetraethyllead	78-00-2	100	mg/kg	N.D.
135	Tetralead trioxide sulphate	12202-17-4	100	mg/kg	N.D.
136	Tricosafluorododecanoic acid	307-55-1	100	mg/kg	N.D.
137	Trilead bis(carbonate) dihydroxide	1319-46-6	100	mg/kg	N.D.
138	Trilead dioxide phosphonate	12141-20-7	100	mg/kg	N.D.
139	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]	--	100	mg/kg	N.D.
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	100	mg/kg	N.D.
141	Cadmium	7440-43-9	100	mg/kg	N.D.
142	Cadmium oxide	1306-19-0	100	mg/kg	N.D.
143	Dipentyl phthalate (DPP)	131-18-0	100	mg/kg	N.D.
144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	100	mg/kg	N.D.
145	Cadmium sulphide	1306-23-6	100	mg/kg	N.D.
146	Dihexyl phthalate	84-75-3	100	mg/kg	N.D.
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis (azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo) naphthalene-2,7-disulphonate(C.I. Direct Black 38)	1937-37-7	100	mg/kg	N.D.
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	100	mg/kg	N.D.
150	Lead di(acetate)	301-04-2	100	mg/kg	N.D.
151	Trixylyl phosphate	25155-23-1	100	mg/kg	N.D.
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	100	mg/kg	N.D.
153	Cadmium chloride	10108-64-2	100	mg/kg	N.D.
154	Sodium perborate; perboric acid, sodium salt	--	100	mg/kg	N.D.
155	Sodium peroxometaborate	7632-04-4	100	mg/kg	N.D.
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	100	mg/kg	N.D.
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	100	mg/kg	N.D.
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	100	mg/kg	N.D.
159	Cadmium fluoride	7790-79-6	100	mg/kg	N.D.
160	Cadmium sulphate	10124-36-4; 31119-53-6	100	mg/kg	N.D.
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)	--	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters with ⩾ 0.3% of dihexyl phthalate (EC No. 201-559-5) (1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters, 1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters)	68515-51-5; 68648-93-1	100	mg/kg	N.D.
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]	--	100	mg/kg	N.D.
164	1,3-propanesultone	1120-71-4	100	mg/kg	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	100	mg/kg	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	100	mg/kg	N.D.
167	Nitrobenzene	98-95-3	100	mg/kg	N.D.
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts (Perfluorononan-1-oic-acid, Sodium salts of perfluorononan-1-oic-acid, Ammonium salts of perfluorononan-1-oic-acid)	375-95-1 21049-39-8 4149-60-4	100	mg/kg	N.D.
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	100	mg/kg	N.D.
170	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
171	4-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]	--	100	mg/kg	N.D.
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts (Nonadecafluorodecanoic acid, Ammonium nonadecafluorodecanoate, sodium nonadecafluorodecanoate, Decanoic acid, nonadecafluoro-, sodium salt)	335-76-2, 3108-42-7, 3830-45-3	100	mg/kg	N.D.
173	p-(1,1-Dimethylpropyl)phenol	80-46-6	100	mg/kg	N.D.
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	100	mg/kg	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-7,15-diene (“Dechlorane Plus”TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	--	100	mg/kg	N.D.
176	Benzo(a)anthracene	56-55-3	100	mg/kg	N.D.
177	Cadmium carbonate	513-78-0	100	mg/kg	N.D.
178	Cadmium hydroxide	21041-95-2	100	mg/kg	N.D.
179	Cadmium nitrate	10325-94-7	100	mg/kg	N.D.
180	Chrysene	218-01-9	100	mg/kg	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	--	100	mg/kg	N.D.
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
183	Benzo[ghi]perylene	191-24-2	100	mg/kg	N.D.
184	Decamethylcyclopentasiloxane (D5)	541-02-6	100	mg/kg	N.D.
185	Dicyclohexyl phthalate (DCHP)	84-61-7	100	mg/kg	N.D.
186	Disodium octaborate	12008-41-2	100	mg/kg	N.D.
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	100	mg/kg	N.D.
188	Ethylenediamine (EDA)	107-15-3	100	mg/kg	N.D.
189	Lead	7439-92-1	100	mg/kg	N.D.
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	100	mg/kg	N.D.
191	Terphenyl hydrogenated	61788-32-7	100	mg/kg	N.D.
192	1,7,7-trimethyl-3- (phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	15087-24-8	100	mg/kg	N.D.
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	100	mg/kg	N.D.
194	Benzo[k]fluoranthene	207-08-9	100	mg/kg	N.D.
195	Fluoranthene	206-44-0	100	mg/kg	N.D.
196	Phenanthrene	85-01-8	100	mg/kg	N.D.
197	Pyrene	129-00-0	100	mg/kg	N.D.
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)	--	100	mg/kg	N.D.
199	2-methoxyethyl acetate	110-49-6	100	mg/kg	N.D.
200	4-tert-butylphenol	98-54-4	100	mg/kg	N.D.
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ⩾ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	100	mg/kg	N.D.
202	2-benzyl-2-dimethylamine-4'-morpholinobutyrophenone (CG 25-369; IRGACURE 369; TK 11-319)	119313-12-1	100	mg/kg	N.D.
203	2-methy-1-（4-methylthiophenyl）-2-morpholinobutyropan-1-one	71868-10-5	100	mg/kg	N.D.
204	Diisohexyl phthate	71850-09-4	100	mg/kg	N.D.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
206	1-vinylimidazole	1072-63-5	100	mg/kg	N.D.
207	2-methylimidazole	693-98-1	100	mg/kg	N.D.
208	Butyl 4-hydroxybenzoate	94-26-8	100	mg/kg	N.D.
209	Dibutylbis (pentane-2,4-dionato-O,O') tin	22673-19-4	100	mg/kg	N.D.
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	100	mg/kg	N.D.
211	Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C 12 is the predominant carbon number of the fatty acyloxy moiety	3468-18-8	100	mg/kg	N.D.
212	1,4-dioxane	123-91-1	100	mg/kg	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)	--	100	mg/kg	N.D.
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	--	100	mg/kg	N.D.
215	4,4'-(1-methylpropylidene)bisphenol	77-40-7	100	mg/kg	N.D.
216	Glutaral	111-30-8	100	mg/kg	N.D.
217	Medium-chain chlorinated paraffins (MCCPs) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	--	100	mg/kg	N.D.
218	orthoboric acid, sodium salt	--	100	mg/kg	N.D.
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)	--	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
220	（±）-1,7,7-trimethyl-3[（4-methylpheny）methylene]bicyclo[2,2,1]thptan-2-one covering any of the individual isomers and/or combinations thereof（4-MBC）	36861-47-9	100	mg/kg	N.D.
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	100	mg/kg	N.D.
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	100	mg/kg	N.D.
223	tirs（2-methoxyethoxy）vinylsilane	1067-53-4	100	mg/kg	N.D.
224	N-(hydroxymethyl)acrylamide	924-42-5	100	mg/kg	N.D.
225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	100	mg/kg	N.D.
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	100	mg/kg	N.D.
227	4,4'-sulphonyldiphenol	80-09-1	100	mg/kg	N.D.
228	Barium diboron tetraoxide	13701-59-2	100	mg/kg	N.D.
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	26040-51-7	100	mg/kg	N.D.
230	Isobutyl 4-hydroxybenzoate	4247-02-3	100	mg/kg	N.D.
231	Melamine	108-78-1	100	mg/kg	N.D.
232	Perfluoroheptanoic acid and its salts	375-85-9	100	mg/kg	N.D.
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	--	100	mg/kg	N.D.
234	Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	100	mg/kg	N.D.
235	Bis(4-chlorophenyl) sulphone	80-07-9	100	mg/kg	N.D.
236	2,4,6-tri-tert-butylphenol	732-26-3	100	mg/kg	N.D.
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	100	mg/kg	N.D.
238	2-(dimethylamina)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	100	mg/kg	N.D.
239	Bumetrizole	3896-11-5	100	mg/kg	N.D.

No.	Test Item(s)	CAS No.	MDL	Unit	Test Result(s)
					1
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	--	100	mg/kg	N.D.

Remarks:

1. Test parts may be single material or a variety of materials which could not be divided by physical ways. Unless otherwise noted, components of base material, coating metal, coating paint and/or colouring pigment were no longer divided, but tested as one whole.
2. All results are applicable only to the test samples.
3.1000mg/kg= 1000ppm= 0.1%
4. N.D. = Not detected (<MDL), MDL= Method Detection Limits, MCV= Maximum Concentration Values.
5.The substances are tested by in-house methods: CIRS-CG001-2021, CIRS-CG002-2021, CIRS-CG003-2021, CIRS-CG004-2021, CIRS-CG005-2021, CIRS-CG006-2021, CIRS-CG007-2021, CIRS-CG008-2021, CIRS-CG009-2021, CIRS-CG010-2021, CIRS-CG011-2021, CIRS-CG012-2021, CIRS-CG013-2021, CIRS-CG014-2021, CIRS-CG015-2021, CIRS-CG016-2021, CIRS-CG020-2021, CIRS-CG021-2021 and CIRS-CG027-2022 which refer to the methods listed below:

1) US EPA 3550C: 2007 Ultrasonic Extraction.
2) US EPA 8270E:2018 Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry.
3) EN 14372:2004 Child use and care articles-Cutlery and feeding utensils-Safety requirements and tests.
4) CPSC CH-C1001-09.4 Standard Operating Procedure for Determination of phthalates.
5) GB/T 22048-2022 Determination of certain phthalate esters in toys and children's products.
6) EPA 3580A:1992 Waste Dilution.
7) ISO 14362-1:2017 Textiles- Methods for determination of certain aromatic amines derived from Azo colorants-Part 1: Detection of the use of certain Azo colorants accessible with and without extracting the fibres.
8) ISO 14362-3:2017 Textiles. Methods for determination of certain aromatic amines derived from Azo colorants. Part 3:Detection of the use of certain Azo colorants, which may release 4-aminoazobenzene.
9) ISO 17234-1:2020 Leather -Chemical tests for the determination of certain azo colorants in dved leathers Part 1: Determination of certain aromatic amines derived from azo colorants.
10) GB 19601-2013 Limit and determination of 23 harmful aromatic amines in dye products.
11) ISO 18219-1:2021 Leather-Determination of chlorinated hydrocarbons in leather Part 1:Chromatographic method for shortchain chlorinated paraffins (SCCPs).
12) ISO 18219-2:2021 Leather-Determination of chlorinated hydrocarbons in leather — Part 2: Chromatographic method for middle-chain chlorinated paraffins (MCCPs).
13) GB/T 40030-2021 Determination of medium chain chlorinated paraffins in electrical and electronic products.
14) GB/T 34842-2017 Footwear-Chemical tests—Determination of formamide.
15) IS0 16189:2013 Footwear-Critical substances potentially present in footwear and footwear components -Test method to quantitatively determine dimethylformamide in footwear materials.
16) EN 71-3:2019+A1:2021 Safety Of Toys - Part 3: Migration Of Certain Elements Annex G: Method of

analysis for organic tin.

17) GB/T 32447-2015 Footwear-Critical substances potentially present in footwear and footwear components-Determination of organotin compounds in footwear materials.
18) AfPS GS 2019:01 PAK Testing and assessment of polycyclic aromatic hydrocarbons (PAHs) in the course of awarding the GS mark.
19) GB/T 36488-2018 Determination of polycyclic aromatic hydrocarbons in coatings.
20) GB/T 29785-2013 Determination of hexabromocyclododecane in electrical and electronic products - Gas chromatography-mass spectrometry.
21) IEC 62321-6:2015 Polybrominated biphenyls and polybrominated diphenyl ethers in polymers by gas chromatograhy -mass spectometry (GC-MS).
22) QCT 944-2013 Test Methods of Polybrominated Biphenyls and Polybrominated Diphenyl Ethers in Automobiles Materials.
23) GB/T 38415-2019 Determination of tetrabromobisphenol A and hexabromocyclododecanes content in toys—High performance liquid chromatography-tandem mass spectrometry.
24) ASTM D7065:2017 Standard Test Method for Determination of Nonylphenol,Bisphenol A,p-tert-Octylphenol,Nonylphenol Monoethoxylate and Nonylphenol Diethoxylate in Environmental Waters by Gas Chromatography Mass Spectrometry.
25) ISO 18218-2:2019 Leather - Determination of ethoxylated alkylphenols. Part 2:Indirect.
26) SN/T 1850.1-2006 Determination of alkylphenol polyethoxylates in textiles. Part 1:High performance liquid chromatography method.
27) DIN 54231:2022 Textiles - Detection of disperse dyestuffs.
28) EPA 8321B:2007 Solvent-extractable nonvolatile compounds by high-performance liquid chromatography/ thermospray/ mass spectrometry (HPLC/TS/MS) or ultraviolet(UV) detection.
29) GB/T 29609-2013 Rubber-Determination of phenol and biphenyl-A.
30) SN/T 3866-2014 Determination of phenolphthalein and emodin in health food for export.LC-MS/MS method.
31) ISO 18254-1:2016 Textiles -ethod for the detection and determination of alkylphenol ethoxylates (APEO)-Part 1: Method using HPLC-MS.
32) GB/T 19941.1-2019 Leather and fur- Determination of formaldehyde content.
33) ISO 17226-1-2021 Leather-Chemical determination of formaldehyde content Part 1:Method using high-performance liquid chromatography.
34) GB/T 23986-2009 Paints and varnishes - Determination of volatile organic compound (VOC) content - Gas-chromatographic method.
35) GB 38468-2019 Limit of harmful substances of interior floor coatings.
36) GB 24408-2009 Limit of harmful substances of exterior wall coatings.
37) SN /T 1802-2014 Determination of ethyleneglycol monoalkyl ethers and esters in indoorcoatings - Gas chromatography.
38) US EPA 3050B:1996 Acid Digestion of Sediments, Sludges, and Soils.
39) US EPA 3051A:2007 Microwave Assisted Acid Digestion of Sediments, Sludges, Soils, and Oils.
40) US EPA 3052:1996 Microwave Assisted Acid Digestion of Siliceous and Organically Based Matrices.
41) US EPA 6010D:2018 Inductively Coupled Plasma-Optical Emission Spectrometry.

42) QC/T 943-2013 Test methods of lead and cadmium in automobiles materials.
43) GB/T 26125-2011 Electrical and electronic products - Determination of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers).
44) IEC 62321-3-1:2013 Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry.
45) IEC 62321-5:2013 Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals by AAS, AFS, ICP-OES and ICP-MS.
46) ISO 17075-1:2017 Leather-Chemical tests-Determination of chromium(VI) content.
47) US EPA 3060A:1996 Alkaline Digestion for Hexavalent Chromium.
48) US EPA 7196A:1992 Chromium, Hexavalent (Colorimetric).
49) ISO 3613:2021 Test methods—Metallic and other inorganic coatings- Chromate conversion coatings on zinc, cadmium, aluminium-zinc alloys and zincaluminium alloys.
50) GB/T 22807-2008 Leather and fur - Chemical tests - Determination of chromium VI content.
51) QC/T 942-2021 Test methods of hexavalent chromium in automobiles materials.
52) IEC 62321-7-1:2015 Hexavalent chromium - Presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals by the colorimetric method.
53) IEC 62321-7-2:2017 Hexavalent chromium - Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric method.
54) CEN/TS 15968-2010 Determination of extractable perfluorooctanesulphonate (PFOS) in coated and impregnated solid articles, liquids and fire fighting foams - Method for sampling, extraction and analysis by LC-qMS or LC-tandem/MS
55) GB/T 37760-2019 Determination of perfluorooctanoic acid and perfluorooctane sulfonic acid in electronic and electrical products–Ultra high perflumance liquid chromatographic method with tandem mass spectrometry.
56) GB/T 40917-2021 Textiles–Determination of perfluorohexane-1-sulphonic acid and its salts.
57) GB/T 28606-2012 Determination of perfluorooctanoic acid and salt in the coating–High performance liquid chromatography-tandem mass spectrometry.
58) SN/T 2449-2010 Determination of perfluorooctane sulfonic acid in leather and leather products–LC-MS/MS.
59) GB/T 23992-2009 Determination of chlorhydrocarbon content in coatings - Gas chromatographic method.
60) GB 31604.27-2016 Food contact materials-Determination of ethylene oxide and propylene oxide in plastics- Gas chromatography.
61) SN/T 2941-2011 Determination of melamine in plastic materials and products.

6. *: Be covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures:

(56*) Aluminosilicate Refractory Ceramic Fibres

a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges

b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or

less micrometres (μm)

c) alkaline oxide and alkali earth oxide (Na2O+K2O+CaO+MgO+BaO) content less or equal to 18% by weight

(71*) Zirconia Aluminosilicate Refractory Ceramic Fibres

a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges.

b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm).

c) alkaline oxide and alkali earth oxide (Na_2O+K_2O+CaO+MgO+BaO) content less or equal to 18% by weight.

7. ** (Items 76, 78, 79, 84) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)] is identified as a substance meeting the criteria of Article 57 (a) of Regulation (EC) 1907/2006 (REACH) owing to its classification as carcinogen category 1A or 1B.

8. Because it is difficult to detect the substances (Cobalt dichloride, Diarsenic pentaoxide, Diarsenic trioxide, Lead hydrogen arsenate, Sodium dichromate, Triethyl arsenate, Lead chromate, Lead chromate molybdate sulphate red (C.I. Pigment Red 104), Lead sulfochromate yellow (C.I. Pigment Yellow 34), Ammonium dichromate, Boric acid (Boric acid; Boric acid, crude natural), Disodium tetraborate, anhydrous, Potassium chromate, Potassium dichromate, Sodium chromate, Tetraboron disodium heptaoxide, hydrate, Acids generated from chromium trioxide and their oligomers (Dichromic acid, Oligomers of chromic acid and dichromic acid, Chromic acid), Chromium trioxide, Cobalt (II) carbonate, Cobalt(II) diacetate, Cobalt(II) dinitrate, Cobalt (II) sulphate, Strontium chromate, Aluminosilicate Refractory Ceramic Fibres, Arsenic acid, Calcium arsenate, Dichromium tris(chromate), Lead diazide, Lead azide, Lead dipicrate, Lead styphnate, Pentazinc chromate octahydroxide, Potassium hydroxyoctaoxodizincatedichromate, Trilead diarsenate, Zirconia Aluminosilicate, Refractory Ceramic Fibres, Diboron trioxide, Lead (II) bis (methanesulfonate), [Phthalato(2-)]dioxotrilead, Acetic acid, lead salt, basic, Dioxobis(stearato)trilead, Fatty acids, C16-18, lead salts, Lead bis(tetrafluoroborate), Lead cynamidate, Lead dinitrate, Lead monoxide (Lead oxide), Lead oxide sulfate, Lead titanium trioxide, Lead titanium zirconium oxide, Orange lead (Lead tetroxide), Pentalead tetraoxide sulphate, Pyrochlore, antimony lead yellow, Silicic acid ($H_2Si_2O_5$), barium salt (1:1), lead-doped, Silicic acid, lead salt, Sulfurous acid, lead salt, dibasic, Tetraethyllead, Tetralead trioxide sulphate, Trilead bis(carbonate) dihydroxide, Trilead dioxide phosphonate, Cadmium oxide, Cadmium sulphide, Lead di(acetate), Cadmium chloride, Sodium perborate; perboric acid, sodium salt, Sodium peroxometaborate, Cadmium fluoride, Cadmium sulphate, Cadmium carbonate, Cadmium hydroxide, Cadmium nitrate, Disodium octaborate, orthoboric acid, sodium salt) via direct tests but via converting them into detectable elements, we consider that all the relative elements exist in the form of their compounds when having the test, However, if the compound obtained by conversion reaches the maximum value, other compounds of the corresponding element are not exist.

9. Hangzhou C&K Testing Technic Co., Ltd. reserves the right of final explanations.

**********The end of report**********