



TEST REPORT

Report No...... : WTX22X06131338C
Applicant..... : Sharkoon Technologies GmbH
Address..... : Grüninger Weg 48, 35415 Pohlheim, Germany
Manufacturer..... : Sharkoon Technologies GmbH
Address..... : Grüninger Weg 48, 35415 Pohlheim, Germany
Sample Name..... : 3-Port USB 3.2 Gen 1 Aluminium Hub + RJ45 Ethernet Adapter;
USB-C Adapter included
Sample Model..... : 3-Port USB 3.2 Gen 1 Aluminium Hub + RJ45 Ethernet Adapter
Sample Material..... : NA
Supplier..... : NA
Test Requested..... : According to European Commission Regulation 1907/2006 (REACH Act), to determine the two hundred and twenty-four (224) Substances of Very High Concern (SVHC) which have been listed in ECHA's website:
<https://echa.europa.eu/candidate-list-table>
Test Conclusion..... : According to the specified scope and analytical technique, the concentrations of the 224 Substances of SVHC are less than 0.1% in the submitted samples.
Date of Receipt sample..... : 2022-07-04 & 2022-07-14
Testing period..... : 2022-07-04 ~ 2022-07-12 & 2022-07-14 ~ 2022-07-15
Date of Issue..... : 2022-07-19
Test Result..... : Refer to next page (s)

Prepared By:

Waltek Testing Group (Shenzhen) Co., Ltd.

Address: 1/F., Room 101, Building 1, Hongwei Industrial Park, Liuxian 2nd Road, Block 70 Bao'an District, Shenzhen, Guangdong, China
Tel:+86-755-33663308 Fax:+86-755-33663309 E-mail:sem@waltek.com.cn

Signed for and on behalf of
Waltek Testing Group (Shenzhen) Co., Ltd.

Hugo.CHen

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

1 / 20





Report No. : WTX22X06131338C

Reference Model No. : 4-Port USB 3.2 Gen 1 Aluminium Hub

Brand..... : Sharkoon

Test Method..... : In-house method with reference to EPA 3550C:2007, US EPA 8270D:2014, US EPA 3052:1996, US EPA3050B:1996, US EPA 6010D:2018, BS EN ISO 14362-1:2017, BS EN ISO 14362-3:2017, ISO 17234-1:2015, ISO/DIS 17234-2:2011, ISO 17353:2004 , AfPS GS 2019:01 PAK.

WALTEK



Report No. : WTX22X06131338C

Test Results:

Group No.	Substance Name	CAS NO.	Result (%w/w)	RL (%w/w)
T01	224 Substances of SVHC in candidate list	--	ND	--
T02	224 Substances of SVHC in candidate list	--	ND	--
T03	224 Substances of SVHC in candidate list	--	ND	--

WALTEK



Report No. : WTX22X06131338C

Test Group(s):

Group No.	Sample No.	Materials Description
T01	2	Black plastic
T01	3	Black soft plastic cable jacket
T01	4	Black soft plastic plug
T01	7	Blue plastic (USB Type-A)
T01	10	Transparent plastic film
T01	32	Red plastic wire jacket 1
T01	33	Black plastic wire jacket 1
T01	34	White plastic wire jacket 1
T01	35	Green plastic wire jacket 1
T01	36	Light green plastic wire jacket 1
T01	37	Orange plastic wire jacket 1
T01	38	Blue plastic wire jacket 1
T01	39	Purple plastic wire jacket 1
T01	40	Transparent plastic
T01	42	Black soft plastic plug
T02	15	Black plastic (net)
T02	17	Gray solid material (Inductance)
T02	18	Black plastic
T02	20	Gray solid material (Inductance)
T02	21	Transparent glue
T02	23	Blue plastic (USB Type-A)
T02	25	Black IC SMD
T02	26	Brown capacitor SMD
T02	27	Black coating PCB board
T02	29	Black IC SMD
T02	30	Black plastic
T02	31	Black IC SMD
T03	1	Black cladding metal shell
T03	5	Black cladding metal
T03	6	Silvery metal (USB Type-A)
T03	8	Golden cladding metal PIN (USB Type-A)
T03	9	Silvery metal wire
T03	11	Coppery metal wire

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>



Report No. : WTX22X06131338C

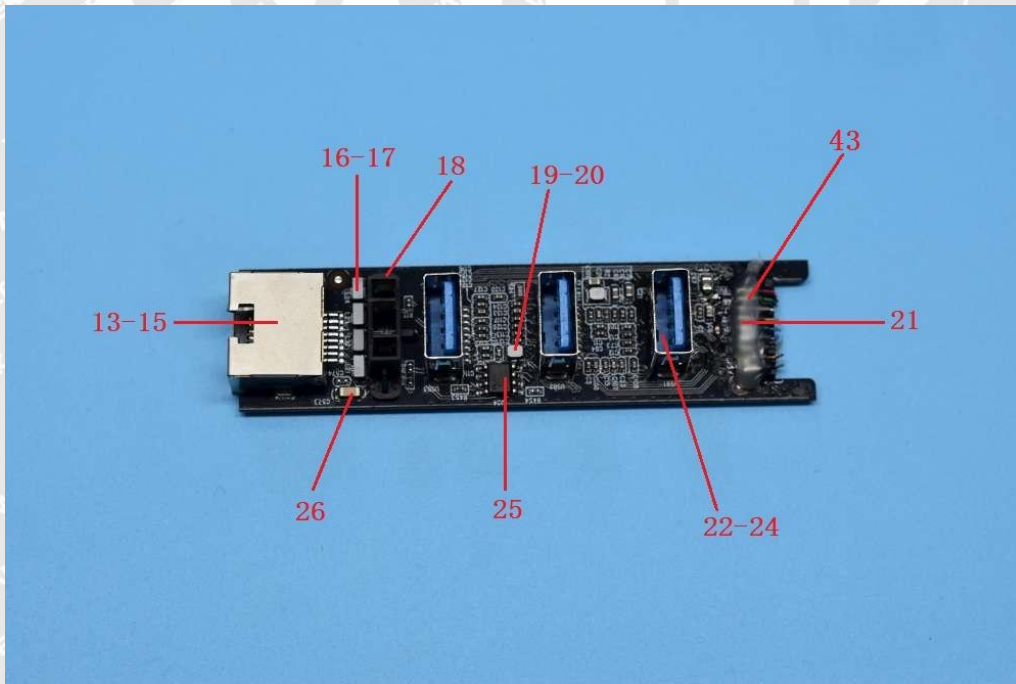
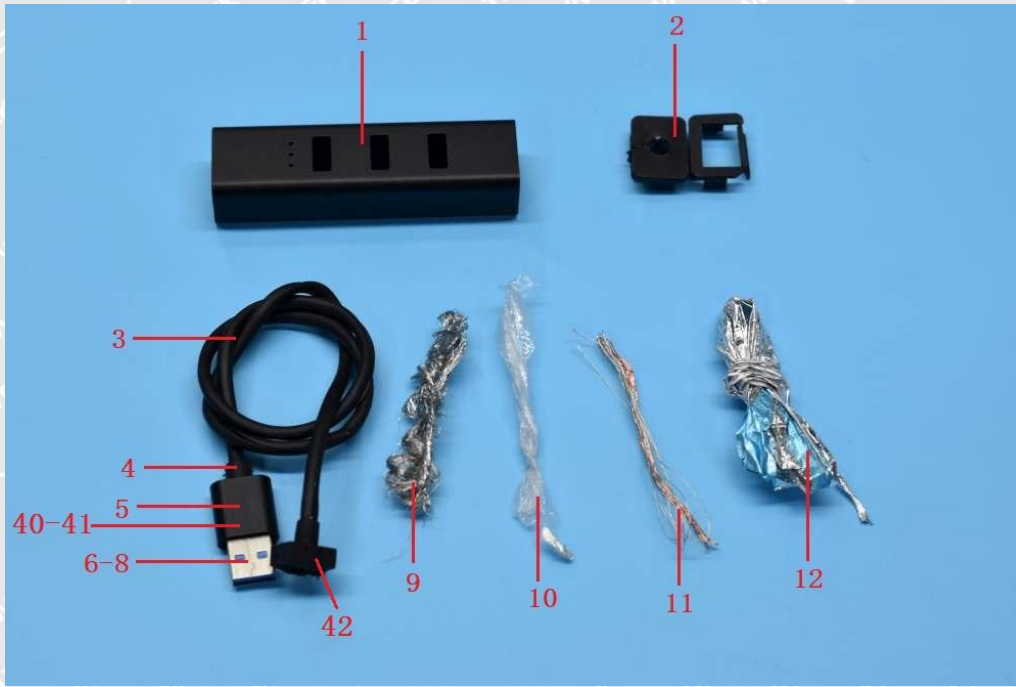
Group No.	Sample No.	Materials Description
T03	12	Silvery metal foil
T03	13	Silvery metal (net)
T03	14	Silvery metal PIN (net)
T03	16	Coppery metal coil (Inductance)
T03	19	Coppery metal coil (Inductance)
T03	22	Silvery metal (USB Type-A)
T03	24	Golden cladding metal PIN (USB Type-A)
T03	28	Silvery metal body (Crystal oscillator)
T03	41	Solder
T03	43	Solder

WALTEK



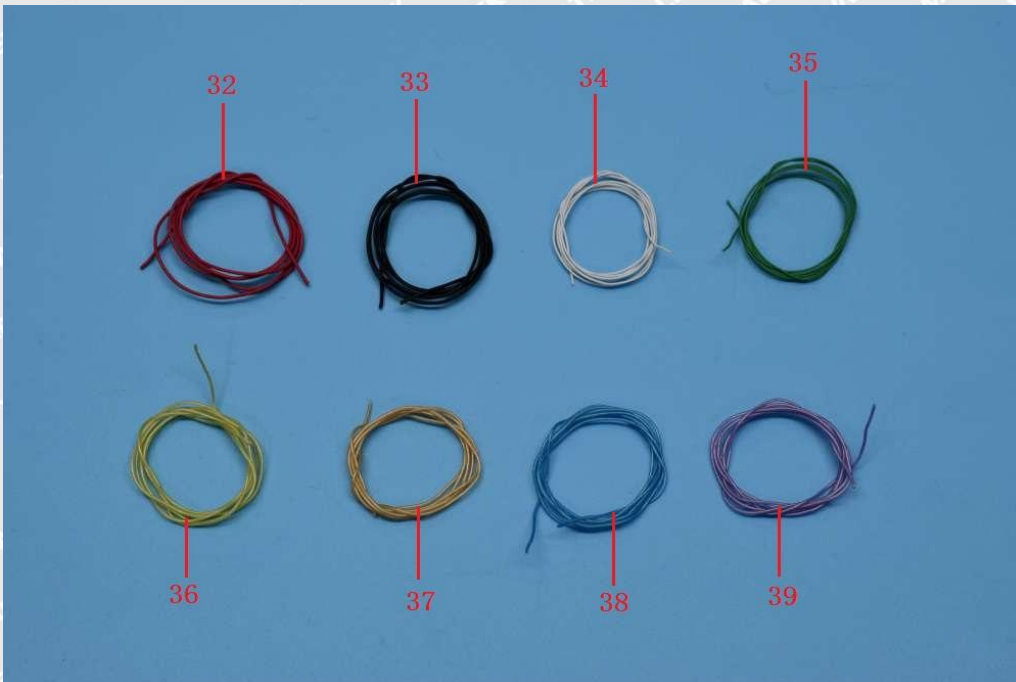
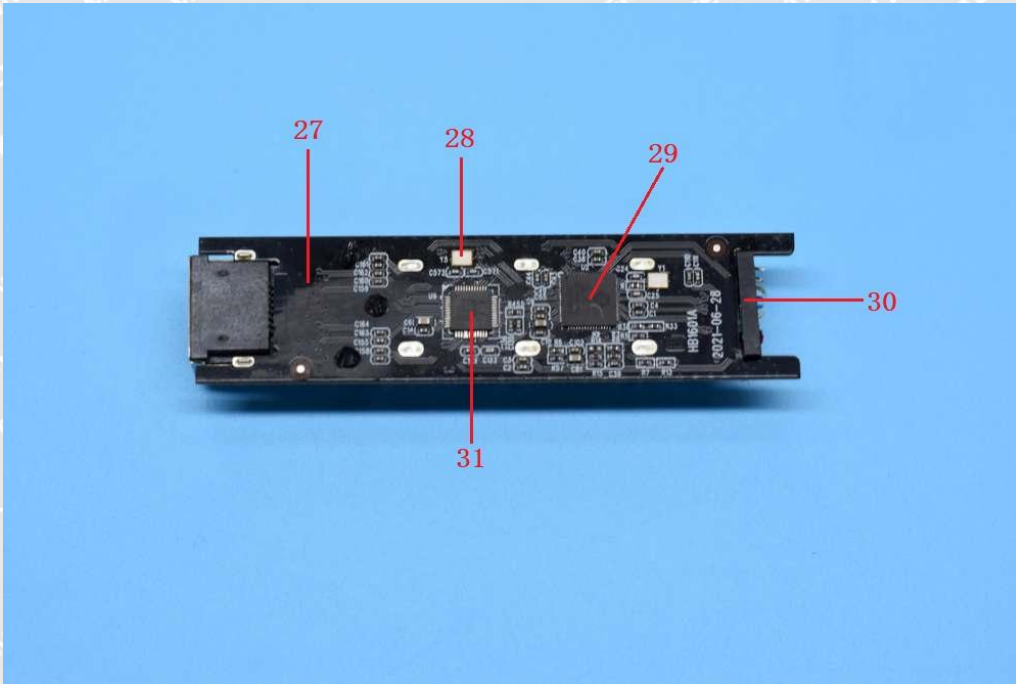
Report No. : WTX22X06131338C

Photograph of parts tested :





Report No. : WTX22X06131338C



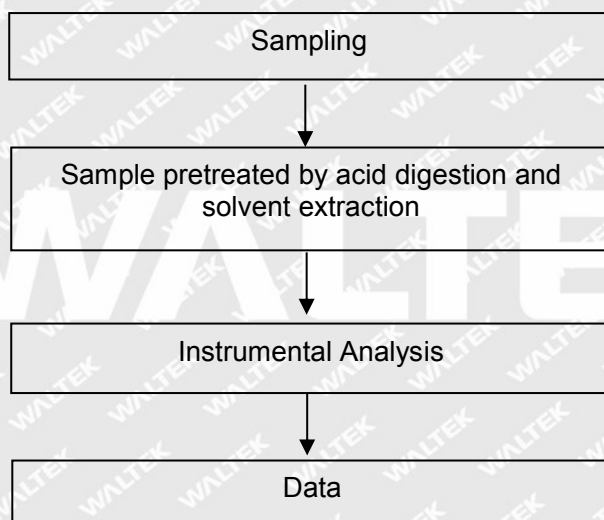


Report No. : WTX22X06131338C

Note:

1. In accordance with regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1), if 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. From 28 October 2008, EU & EEA suppliers of articles which contain substances on the Candidate List in a concentration above 0.1% (W/W) must provide sufficient information, available to them, to their customers and on request to a consumer within 45 days of the receipt of this request. This information must ensure safe use of the article and, as a minimum, include the name of the substance.
3. ND=Not detected, Less than reporting limit (RL).
4. The test result of whole product was based on the test results of other test groups.
5. Results are calculated by the minimum weight of mixed components.
6. Sample 43 was received on 2022-07-14.

Measurement Flowchart:





Report No. : WTX22X06131338C

Appendix

The list of 224 Substances of Very High Concern

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
1	Anthracene	120-12-7	204-371-1	0.0050
2	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	0.0050
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.0050
4	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	0.0050
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.0050
6	Bis(tributyltin) oxide (TBTO)	56-35-9	200-268-0	0.0050
7	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.0050
8	Hexabromocyclododecane and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) (HBCDD)	25637-99-4, 3194-55-6, (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4/ 221-695-9	0.0050
9	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.0100
10	Lead hydrogen arsenate	7784-40-9	232-064-2	0.0500
11	Triethyl arsenate	15606-95-8	427-700-2	0.0500
12	Diarsenic pentaoxide	1303-28-2	215-116-9	0.0500
13	Diarsenic trioxide	1327-53-3	215-481-4	0.0500
14	Cobalt dichloride	7646-79-9	231-589-4	0.0500
15	Sodium dichromate	10588-01-9, 7789-12-0	234-190-3	0.0500
16	Anthracene oil	90640-80-5	292-602-7	0.0500
17	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.0500
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.0500
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.0500
20	Anthracene oil,anthracene paste	90640-81-6	292-603-2	0.0500
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.0050
22	2,4-dinitrotoluene	121-14-2	204-450-0	0.0100
23	Lead chromate	7758-97-6	231-846-0	0.0500
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.0500
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.0500
26	Pitch, coal tar, high-temp	65996-93-2	266-028-2	0.0500
27	Tris(2-chloroethyl) phosphate(TECP)	115-96-8	204-118-5	0.0100
28	Acrylamide	79-06-1	201-173-7	0.0100
29	Trichloroethylene	79-01-6	201-167-4	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
30	Boric acid	10043-35-3, 11113-50-1	233-139-2, 234-343-4	0.0050
31	Disodium tetraborate, anhydrous	12179-04-3, 1303-96-4, 1330- 43-4	215-540-4	0.0050
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	0.0500
33	Sodium chromate	7775-11-3	231-889-5	0.0500
34	Potassium chromate	7789-00-6	232-140-5	0.0500
35	Ammonium dichromate	7789-09-5	232-143-1	0.0500
36	Potassium dichromate	7778-50-9	231-906-6	0.0500
37	Chromium trioxide	1333-82-0	215-607-8	0.0500
38	2-Methoxyethanol	109-86-4	203-713-7	0.0500
39	2-Ethoxyethanol	110-80-5	203-804-1	0.0500
40	Cobalt (II) diacetate	71-48-7	200-755-8	0.0500
41	Cobalt (II) carbonate	513-79-1	208-169-4	0.0500
42	Cobalt (II) dinitrate	10141-05-6	233-402-1	0.0500
43	Cobalt (II) sulphate	10124-43-3	233-334-2	0.0500
44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	0.0500
45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.0100
46	Strontium chromate	7789-06-2	232-142-6	0.0500
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)	68515-42-4	271-084-6	0.0500
48	Hydrazine	302-01-2, 7803- 57-8	206-114-9	0.0100
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.0100
50	1,2,3-trichloropropane	96-18-4	202-486-1	0.0100
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich(DIHP)	71888-89-6	276-158-1	0.0500
52	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	650-017-00-8	0.0500
53	Zirconia Aluminosilicate Refractory Ceramic Fibres	-	650-017-00-8	0.0500
54	Dichromium tris(chromate)	24613-89-6	246-356-2	0.0500
55	Potassium hydroxyoctaoxodizincate di-chromate	11103-86-9	234-329-8	0.0500
56	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	0.0500
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.0500
58	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.0050
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
60	4-(1,1,3,3-tetramethylbutyl) phenol	140-66-9	205-426-2	0.0100
61	1,2-Dichloroethane	107-06-2	203-458-1	0.0100
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.0100
63	Arsenic acid	7778-39-4	231-901-9	0.0500
64	Calcium arsenate	7778-44-1	231-904-5	0.0500
65	Trilead diarsenate	3687-31-8	222-979-5	0.0500
66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.0100
67	Phenolphthalein	77-09-8	201-004-7	0.0500
68	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.0100
69	Lead azide; Lead diazide	13424-46-9	236-542-1	0.0500
70	Lead styphnate	15245-44-0	239-290-0	0.0500
71	Lead dipicrate	6477-64-1	229-335-2	0.0500
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.0100
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	0.0100
74	Diboron trioxide	1303-86-2	215-125-8	0.0500
75	Formamide	75-12-7	200-842-0	0.0100
76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	0.0500
77	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	219-514-3	0.0500
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	423-400-0	0.0500
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	0.0100
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.0100
81	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	0.0500
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	0.0500
83	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.0500
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.0100
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	214-604-9	0.0050
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.0100
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.0100
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.0100
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	—	—	0.0100
91	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	—	—	0.0100
92	Diazene-1,2-dicarboxamide(C,C'- azodi(formamide))	123-77-3	204-650-8	0.0100
93	Cyclohexane-1,2-dicarboxylic anhydride , [cis-cyclohexane-1,2-dicarboxylic anhydride, trans- cyclohexane-1,2-dicarboxylic anhydride]	85-42-7	201-604-9	0.0100
94	Hexahydromethylphthalic anhydride , Hexahydro-4-methylphthalic anhydride , Hexahydro-3-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride	25550-51-0, 19438-60-9, 57110-29-9, 48122-14-1	247-094-1, 243-072-0, 260-566-1, 256-356-4	0.0100
95	Methoxy acetic acid	625-45-6	210-894-6	0.0100
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.0100
97	Diisopentyl phthalate (DIPP)	605-50-5	210-088-4	0.0100
98	N-pentyl-isopentylphthalate	776297-69-9	—	0.0100
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.0100
100	N,N-dimethylformamide	68-12-2	200-679-5	0.0100
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.0100
102	Acetic acid, lead salt, basic	51404-69-4	257-175-3	0.0500
103	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	0.0500
104	Lead oxide sulfate	12036-76-9	234-853-7	0.0500
105	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	0.0500
106	Dioxobis(stearato)trilead	12578-12-0	235-702-8	0.0500
107	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	0.0500
108	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	0.0500
109	Lead cyanamidate	20837-86-9	244-073-9	0.0500
110	Lead dinitrate	10099-74-8	233-245-9	0.0500
111	Lead monoxide (lead oxide)	1317-36-8	215-267-0	0.0500
112	Orange lead (lead tetroxide)	1314-41-6	215-235-6	0.0500
113	Lead titanium trioxide	12060-00-3	235-038-9	0.0500
114	Lead titanium zirconium oxide	12626-81-2	235-727-4	0.0500
115	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	0.0500
116	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	0.0500



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
117	Silicic acid, barium salt(1:1), lead-doped	68784-75-8	272-271-5	0.0500
118	Silicic acid, lead salt	11120-22-2	234-363-3	0.0500
119	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	0.0500
120	Tetraethyllead	78-00-2	201-075-4	0.0500
121	Tetralead trioxide sulphate	12202-17-4	235-380-9	0.0500
122	Trilead dioxide phosphonate	12141-20-7	235-252-2	0.0500
123	Furan	110-00-9	203-727-3	0.0100
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.0100
125	Diethyl sulphate	64-67-5	200-589-6	0.0100
126	Dimethyl sulphate	77-78-1	201-058-1	0.0100
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.0100
128	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.0100
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.0100
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.0100
131	4-Aminoazobenzene	60-09-3	200-453-6	0.0100
132	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.0100
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.0100
134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.0100
135	o-aminoazotoluene	97-56-3	202-591-2	0.0050
136	o-Toluidine	95-53-4	202-429-0	0.0100
137	N-methylacetamide	79-16-3	201-182-6	0.0100
138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.0100
139	Cadmium	7440-43-9	231-152-8	0.0050
140	Cadmium oxide	1306-19-0	215-146-2	0.0500
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.0100
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.0100
143	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.0100
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	—	—	0.0500
145	Cadmium sulphide	1306-23-6	215-147-8	0.0100
146	Dihexyl phthalate (DnHP)	84-75-3	201-559-5	0.0100
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.0100

Waltek Testing Group (Shenzhen) Co., Ltd.

<http://www.waltek.com.cn>

13 / 20



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
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	217-710-3	0.0100
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	0.0100
150	Lead di(acetate)	301-04-2	206-104-4	0.0500
151	Trixylyl phosphate	25155-23-1	246-677-8	0.0100
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.0100
153	Cadmium chloride	10108-64-2	233-296-7	0.0100
154	Sodium perborate; perboric acid, sodium salt	11138-47-9	234-390-0	0.0100
155	Sodium peroxometaborate	7632-04-4	231-556-4	0.0100
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.0100
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	0.0100
158	Cadmium fluoride	7790-79-6	232-222-0	0.0500
159	Cadmium sulphate	10124-36-4, 31119-53-6	233-331-6	0.0500
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.0500
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)	—	—	0.0500
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	271-094-0, 272-013-1	0.0100
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	—	—	0.0100
164	Nitrobenzene	98-95-3	202-716-0	0.0100
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.0100
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.0100
167	1,3-propanesultone	1120-71-4	214-317-9	0.0100
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1, 21049-39-8, 4149-60-4	206-801-3	0.0100
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	0.0100
171	4-heptylphenol, branched and linear (4-HPbl)	—	—	0.0500
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7, 335-76-2, 3830-45-3	206-400-3, 221-470-5	0.0100
173	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9	0.0100
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	—	—	0.0100
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	—	—	0.0500
176	Chrysene	218-01-9	205-923-4	0.0050
177	Cadmium nitrate	10325-94-7	233-710-6	0.0050
178	Cadmium hydroxide	21041-95-2	244-168-5	0.0050
179	Cadmium carbonate	513-78-0	208-168-9	0.0050
180	Benz[a]anthracene	56-55-3	200-280-6	0.0050
181	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"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	13560-89-9, 135821-74-8, 135821-03-3	236-948-9	0.0500
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	552-30-7	209-008-0	0.0500
183	Dicyclohexyl phthalate	84-61-7	201-545-9	0.0500
184	Benzo[ghi]perylene	191-24-2	205-883-8	0.0100
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.0100
186	Disodium octaborate	12008-41-2	234-541-0	0.0500
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	0.0100
188	Ethylenediamine	107-15-3	203-468-6	0.0500
189	Lead	7439-92-1	231-100-4	0.0100
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.0100
191	Terphenyl hydrogenated	61788-32-7	262-967-7	0.0100
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.0100
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.0100
194	Fluoranthene	206-44-0	205-912-4	0.0100
195	Phenanthrene	85-01-8	201-581-5	0.0100
196	Pyrene	129-00-0	204-927-3	0.0100
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	—	—	0.0100
199	4-tert-butylphenol	98-54-4	202-679-0	0.0100
200	2-methoxyethyl acetate	110-49-6	203-772-9	0.0100
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides covering any of their individual isomers and combinations thereof	—	—	0.0100
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	—	0.0100
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	—	0.0100
204	Diisohexyl phthalate	71850-09-4	—	0.0100
205	Perfluorobutane sulfonic acid (PFBS) and its salts	—	—	0.0100
206	1-vinylimidazole	1072-63-5	214-012-0	0.0100
207	2-methylimidazole	693-98-1	211-765-7	0.0100
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.0100
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.0100
210	Bis (2-(2-methoxyethoxy) ethyl) ether	205-594-7	143-24-8	0.0100
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivs., and any other stannane, dioctyl-, bis (fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	—	—	0.0100
212	1,4-dioxane	123-91-1	204-661-8	0.0100
213	2,2-bis(bromomethyl) propane-1,3-diol(BMP), 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	0.0100
214	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	—	—	0.0100
215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.0100
216	Glutaral	111-30-8	203-856-5	0.0100
217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	—	—	0.0100
218	Orthoboric acid, sodium salt	13840-56-7	237-560-2	0.0100



Report No. : WTX22X06131338C

No.	Substance Name(s)	CAS No.	EC No.	RL (%,w/w)
219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual	—	—	0.0100
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)	—	—	0.0100
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1	204-327-1	0.0100
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	401-850-9	0.0100
223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.0100
224	N-(hydroxymethyl) acrylamide	924-42-5	213-103-2	0.0050

WALTEK



Report No. : WTX22X06131338C

Sample Photo:





Report No. : WTX22X06131338C





Report No. : WTX22X06131338C

Remarks:

1. The results shown in this test report refer only to the sample(s) tested;
2. This test report cannot be reproduced, except in full, without prior written permission of the company;
3. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver;
4. The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which Waltek hasn't verified;
5. If the report is not stamped with the accreditation recognized seal, it will only be used for scientific research, education, and internal quality control activities, and is not used for the purpose of issuing supporting data to the society.

===== End of Report =====

WALTEK