Dated: 2020-11-30



Applicant : Shenzhen Yunyifu Health Technology Co. LTD

Left, floor 6, Building C14, Fuyuan Industrial City, No. 598, Zhoushi Road, Jiuwei Community, Hangcheng Street,

Baoan District, Shenzhen

Sample Description : Filtering half mask FFP2 NR

Style No. : PM-P2

Country of Origin : CHINA

Test Sample Receipt Date, Location : 2020-11-18 and 2020-11-23, Hong Kong

Test Period, Location : From 2020-11-24 to 2020-11-27, Hong Kong

Test Result(s) : Refer to Section 3

Purpose Of Examination / Conclusion:

No.	Test Item(s)	Conclusion
1.	Analysis of the 209 Substances of Very High Concern (SVHC)	
	Candidate List for authorization concerning Regulation (EC) No. 1907/2006	as published on the
	European Chemicals Agency (ECHA) website updated on June 25, 2020.	
	According to the specified scope and analytical techniques, the concentrat	ion of each of the 209
	SVHC is <0.1% (w/w) in the submitted sample(s).	

Remarks:

- (1) The results relate only to the items tested.
- (2) Samples are tested as received.
- (3) "Pass" means the measured result is within a limit, even when extended by expanded uncertainty. "Fail" means the measured result is beyond a limit, even when extended by expanded uncertainty. "Inconclusive" means the measured result can be within or beyond a limit when extended by expanded uncertainty. The confidence level of the expended uncertainty for "Pass", "Fail" and "Inconclusive" is 95%.

Dated: 2020-11-30



TÜV SÜD Hong Kong TÜV SÜD Group

Prepared by:

Reviewed by:

541



Hilda Tang Manager

Samuel Chan Project Manager

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Dated: 2020-11-30



1. Description of the Test Sample:

Sample Description Filtering half mask FFP2 NR
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2. List of Materials as identified by the Laboratory:

T. No.	Sample No.	Colour and Description	Photograph
T1	001	Purple non-woven with black printing (purple masks)	- oc oz o1 00500 ob or on or oz o o oz
T2	002	Black non-woven (black masks)	co or one on or or on onco or on one or on or or or on on or
Т3	003	Orange non-woven with black printing (orange masks)	To the state of 1000 case are to the state of the total of the state o

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T. No.	Sample No.	Colour and Description	Photograph
Т4	004	Pink non-woven with black printing (pink masks)	To so as as as at 6055 as as to so se as at 601 to as at as
T5	005	Cyan non-woven with black printing (cyan masks)	or us us us as as as a so as
Т6	006	Blue non-woven with black printing (blue masks)	Significant control out out out on 100200 can or control out out of the 100100 can or control out of the 100200 can or control out o
Т7	007	Orange/black printed white non-woven (multicolor masks)	A to the case of the control of the

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T. No.	Sample No.	Colour and Description	Photograph
Т8	008	Grey non-woven with black printing (grey masks)	To use the test of 1000 to us of the test of 1001 to us of the test of 1001 to us of the test of 1000 to us of 1
Т9	009	Red non-woven (red masks)	on our our our our Origine on our on on our
T10	010	White fabric with glue (ear loop of all styles)	
T11	011	White non-woven (lining of all styles)	THE REAL PROPERTY.
T12	012	White fabric (interlining of all styles)	



T. No.	Sample No.	Colour and Description	Photograph
T13	013	White felt fabric (interlining of all styles)	
T14	014	Grey foam with glue (cushion of all styles)	THE REPORT OF THE PARTY OF THE
T15	015	White soft plastic (wire covering)	
T16	016	Silvery metal (wire)	

Dated: 2020-11-30



3. Test Results

3.1 Analysis of the 209 Substances of Very High Concern (SVHC)

Candidate List for authorization concerning Regulation (EC) No. 1907/2006 as published on the European Chemicals Agency (ECHA) website updated on June 25, 2020.

Analysis based on LCMS, LCMSMS, GCMS, Headspace-GCMS, ICP-OES/AAS, UV-VIS and XRF.

		Result [% w/w]		
Parameters	Sample 001+002+003 +004+005+ 006+007	Sample 008+009+010 +011+012+ 013	Sample 014+015	Limit [% w/w]
Two Hundred and nine substances of very high concern ³	<0.01	<0.01	<0.01	<0.1

Parameters	Result [% w/w] Sample 016	Limit [% w/w]
Two Hundred and nine substances of very high concern ³	<0.01	<0.1

Note 1. "<" denotes less than

^{2. &}quot;%" denotes percentage

^{3.} Candidate List for authorization, concerning Regulation (EC) No 1907/2006 as published on the European Chemicals Agency (ECHA) website updated on June 25, 2020.

Dated: 2020-11-30



No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
1	Anthracene	120-12-7	28	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2
2	4,4'- Diaminodiphenylmethane	101-77-9	29	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8
3	Dibutyl phthalate (DBP)	84-74-2	30	Acrylamide	79-06-1
4	Cobalt dichloride *	7646-79-9	31	Trichloroethylene	79-01-6
5	Diarsenic pentaoxide*	1303-28-2	32	Boric Acid*	10043-35-3 11113-50-1
6	Diarsenic trioxide *	1327-53-3	33	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3
7	Sodium dichromate *	7789-12-0 10588-01-9	34	Tetraboron disodium heptaoxide, hydrate*	12267-73-1
8	5-tert-butyl-2,4,6-trinitro-m -xylene (musk xylene)	81-15-2	35	Sodium chromate*	7775-11-3
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	36	Potassium chromate*	7789-00-6
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α – HBCDD, β-HBCDD, γ-HBCDD)	25637-99-4 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	37	Ammonium dichromate*	7789-09-5
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	38	Potassium dichromate*	7778-50-9
12	Bis(tributyltin)oxide,(TBTO)*	56-35-9	39	Cobalt(II) sulphate *	10124-43-3
13	Lead hydrogen arsenate *	7784-40-9	40	Cobalt(II) dinitrate *	10141-05-6
14	Benzyl butyl phthalate (BBP)	85-68-7	41	Cobalt(II) carbonate*	513-79-1
15	Triethyl arsenate *	15606-95-8	42	Cobalt(II) diacetate*	71-48-7
16	Anthracene oil§	90640-80-5	43	2-Methoxyethanol	109-86-4
17	Anthracene oil, anthracene paste, distn. lights§	91995-17-4	44	2-Ethoxyethanol	110-80-5
18	Anthracene oil, anthracene paste, anthracene fraction§	91995-15-2	45	Chromium trioxide*	1333-82-0
19	Anthracene oil, anthracene-low§	90640-82-7	46	Acids generated from chromium trioxide and their oligomers: a. Chromic acid* b. Dichromic acid * c. Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2
20	Anthracene oil, anthracene paste§	90640-81-6	47	2-Ethoxyethyl acetate (2-EEA)	111-15-9
21	Pitch, coal tar, high temp. §	65996-93-2	48	Strontium chromate*	7789-06-2
22	Aluminosilicate Refractory Ceramic Fibres*	-	49	1,2-Benzenedicarboxylic acid, di-C7-11- branched and linear alkyl esters (DHNUP) §	68515-42-4
23	Zirconia Aluminosilicate, Refractory Ceramic Fibres*	-	50	Hydrazine	7803-57-8, 302-01-2
24	2,4-Dinitrotoluene	121-14-2	51	1-Methyl-2-pyrrolidone	872-50-4
25	Diisobutyl phthalate	84-69-5	52	1,2,3-Trichloropropane	96-18-4
26	Lead chromate*	7758-97-6		4 0 December 1 1 1 1 00 0 1	
27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6

The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

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No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
54	1,2-Dichloroethane	107-06-2	76	Lead(II) bis(methanesulfonate)*	17570-76-2
55	2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9
56	2-Methoxyaniline, o-Anisidine	90-04-0	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
57	4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8
58	Arsenic acid*	7778-39-4	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1
59	Bis(2-methoxyethyl) ether	111-96-6	81	[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
60	Bis(2-methoxyethyl) phthalate	117-82-8	82	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1- ylidene]dimethylammonium chloride (C.I. Basic Violet 3)#	548-62-9
61	Calcium arsenate*	7778-44-1	83	4,4'-bis(dimethylamino)-4"-(methylamino)trityl alcohol #	561-41-1
62	Dichromium tris(chromate)*	24613-89-6	84	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)#	6786-83-0
63	Formaldehyde, oligomeric reaction products with aniline (technical MDA)§	25214-70-4	85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5
64	Lead diazide*	13424-46-9	86	Pentacosafluorotridecanoic acid	72629-94-8
65	Lead dipicrate*	6477-64-1	87	Tricosafluorododecanoic acid	307-55-1
66	Lead styphnate*	15245-44-0	88	Henicosafluoroundecanoic acid	2058-94-8
67	N,N-dimethylacetamide (DMAC)	127-19-5	89	Heptacosafluorotetradecanoic acid	376-06-7
68	Pentazinc chromate octahydroxide*	49663-84-5	90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [§]	-
69	Phenolphthalein	77-09-8	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 [§]	-
70	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3
71	Trilead diarsenate*	3687-31-8	93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	94	Hexahydromethylphathalic anhydride, Hexahydro-4-methylphathalic anhydride, Hexahydro-1-methylphathalic anhydride, Hexahydro-3-methylphathalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	95	Methoxy acetic acid	625-45-6
74	Diboron trioxide*	1303-86-2	96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0
75	Formamide	75-12-7	97	Diisopentylphthalate (DIPP)	605-50-5
H	(4) 1 4 4 54 0 410			1 -1 - 7	

^{- &#}x27;*' denotes concentration of the SVHC was conversion of test results of the corresponding metal ion

The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

^{-&}lt;sup>uffr</sup> denotes the substance does only fulfil the criteria of REACH Art. 57 (a) if it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) in a concentration ≥ 0.1% (weight / weight).



1,2-Diethoxyethane 629-14-1 132 4-methyl-m-phenylenediamine (2,4-toluene-diamine) 95-8	Name CAS No.	Substance Name	No.	CAS No.	Substance Name	No.
100			131	-	N-pentyl-isopentylphtalate	98
100	n-phenylenediamine (2,4-toluene-		132	629-14-1	1,2-Diethoxyethane	99
102 Acetic acid, lead salt, basic* 51404-69-4 135 o-aminoazotoluene 97-5 103 Basic lead carbonate (trilead bis(carbonate)dihydroxide)* 1319-46-6 136 o-Toluidine; 2-Aminotoluene 95-5 104 Lead oxide sulfate (basic lead sulfate)* 12036-76-9 137 N-methylacetamide 79-1 105 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)* 69011-06-9 138 1-bromopropane; n-propyl bromide 106-1 106 Dioxobis(stearato)trilead* 12578-12-0 139 Cadmium 7440-1 107 Fatty acids, C16-18, lead salts* 91031-62-8 140 Cadmium oxide* 1306-1 108 Lead bis(tetrafluoroborate)* 13814-96-5 141 Dipentyl phthalate (DPP) 131-1 109 Lead cynamidate* 20837-86-9 142 4-Nonylphenol, branched and linear, ethoxylated§	r-m-toluidine (p-cresidine) 120-71-8	6-methoxy-m-toluidine (p-d	133	68-12-2	formamide	100
Basic lead carbonate (trilead bis(carbonate)dihydroxide)* 1319-46-6 136 o-Toluidine; 2-Aminotoluene 95-5		Biphenyl-4-ylamine	134	683-18-1	Dibutyltin dichloride (DBT)	101
103 bis(carbonate)dihydroxide)* 1319-46-6 136 0-10luidine; 2-Aminotoluene 95-5 104 Lead oxide sulfate (basic lead sulfate)* 12036-76-9 137 N-methylacetamide 79-1 105 [Phthalato(2-)]dioxotrilead (dibasic lead phthalate)* 69011-06-9 138 1-bromopropane; n-propyl bromide 106-1 106 Dioxobis(stearato)trilead* 12578-12-0 139 Cadmium 7440-1 107 Fatty acids, C16-18, lead salts* 91031-62-8 140 Cadmium oxide* 1306-1 108 Lead bis(tetrafluoroborate)* 13814-96-5 141 Dipentyl phthalate (DPP) 131-1 109 Lead cynamidate* 20837-86-9 142 4-Nonylphenol, branched and linear, ethoxylated§ 140 Ammonium pentadecafluorooctanoate (APFO) 3825-1 110 Lead dinitrate* 10099-74-8 143 Ammonium pentadecafluorooctanoate (APFO) 3825-1 111 Lead oxide (lead monoxide)* 1317-36-8 144 Pentadecafluorooctanoate acid (PFOA) 335-1 112 Lead tetroxide (orange lead)* 1314-41-6 145 Cadmium sulphide* 1306-1 113 Lead titanium trioxide* 12060-00-3 146 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28) 1573-1 115 Disodium 3,3'-[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) 146 C.I. Direct Red 28 146 Disodium 3,3'-[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) 146 Disodium 3,3'-[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) 1573-1 15	totoluene 97-56-3	o-aminoazotoluene	135	51404-69-4		102
105	e; 2-Aminotoluene 95-53-4	o-Toluidine; 2-Aminotoluer	136	1319-46-6	bis(carbonate)dihydroxide)*	103
105	cetamide 79-16-3	N-methylacetamide	137	12036-76-9		104
107 Fatty acids, C16-18, lead salts* 91031-62-8 140 Cadmium oxide* 1306-1306-1306-1306-1306-1306-1306-1306-	ropane; n-propyl bromide 106-94-5	1-bromopropane; n-propyl	138	69011-06-9		105
108Lead bis(tetrafluoroborate)*13814-96-5141Dipentyl phthalate (DPP)131-109Lead cynamidate*20837-86-91424-Nonylphenol, branched and linear, ethoxylated§-110Lead dinitrate*10099-74-8143Ammonium pentadecafluorooctanoate (APFO)3825-111Lead oxide (lead monoxide)*1317-36-8144Pentadecafluorooctanoic acid (PFOA)335-112Lead tetroxide (orange lead)*1314-41-6145Cadmium sulphide*1306-113Lead titanium trioxide*12060-00-3146Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)573-4113Lead titanium trioxide*12060-00-3146573-4	7440-43-9	Cadmium	139	12578-12-0		106
Lead cynamidate* 20837-86-9 142 4-Nonylphenol, branched and linear, ethoxylated§ 110 Lead dinitrate* 10099-74-8 141 Lead oxide (lead monoxide)* 112 Lead tetroxide (orange lead)* 12060-00-3 146 4-Nonylphenol, branched and linear, ethoxylated§ Ammonium pentadecafluorooctanoate (APFO) 3825- 144 Pentadecafluorooctanoic acid (PFOA) 335- 1314-41-6 145 Cadmium sulphide* 1306- Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)			140		Fatty acids, C16-18, lead salts*	107
109 Lead cynamidate* 20837-86-9 142 ethoxylated\$ 110 Lead dinitrate* 10099-74-8 143 Ammonium pentadecafluorooctanoate (APFO) 3825-11 111 Lead oxide (lead monoxide)* 1317-36-8 144 Pentadecafluorooctanoic acid (PFOA) 335-12 112 Lead tetroxide (orange lead)* 1314-41-6 145 Cadmium sulphide* 1306-13 113 Lead titanium trioxide* 12060-00-3 146 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) 573-12 113 Lead titanium trioxide* 12060-00-3 146 Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) 573-12			141	13814-96-5	Lead bis(tetrafluoroborate)*	108
111Lead oxide (lead monoxide)*1317-36-8144Pentadecafluorooctanoic acid (PFOA)335-1112Lead tetroxide (orange lead)*1314-41-6145Cadmium sulphide*1306-1113Lead titanium trioxide*12060-00-3146Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)			142	20837-86-9	Lead cynamidate*	109
112 Lead tetroxide (orange lead)* 1314-41-6 145 Cadmium sulphide* Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	n pentadecafluorooctanoate (APFO) 3825-26-1	Ammonium pentadecafluo	143	10099-74-8		110
113 Lead titanium trioxide* 12060-00-3 146 Disodium 3,3'-[[1,1'-biphenyl]-4,4'- diylbis(azo)]bis(4-aminonaphthalene-1- sulphonate) (C.I. Direct Red 28)	afluorooctanoic acid (PFOA) 335-67-1	Pentadecafluorooctanoic a	144	1317-36-8	Lead oxide (lead monoxide)*	111
Lead titanium trioxide* 12060-00-3 146 diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)			145	1314-41-6	Lead tetroxide (orange lead)*	112
	o)]bis(4-aminonaphthalene-1- e) t Red 28)	diylbis(azo)]bis(4-aminona sulphonate) (C.I. Direct Red 28)	146	12060-00-3	Lead titanium trioxide*	113
Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-	4-amino-3-[[4'-[(2,4- enyl)azo][1,1'-biphenyl]-4-yl]azo] -5- -(phenylazo)naphthalene-2,7- ate	Disodium 4-amino-3-[[4'-[(diaminophenyl)azo][1,1'-bi hydroxy-6-(phenylazo)nap disulphonate	147	12626-81-2	Lead Titanium Zirconium Oxide*	114
			148	12065-90-6	Pentalead tetraoxide sulphate*	115
116 Pyrochlore, antimony lead yellow* 8012-00-8 149 Imidazolidine-2-thione (2-imidazoline-2-thiol) 96-4	ine-2-thione (2-imidazoline-2-thiol) 96-45-7	Imidazolidine-2-thione (2-i	149	8012-00-8	Pyrochlore, antimony lead yellow*	116
	etate)* 301-04-2	Lead di(acetate)*	150	68784-75-8		117
			151	11120-22-2	Silicic acid, lead salt*	118
119 Sulfurous acid, lead salt, dibasic* 62229-08-7 152 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear 68515			152	62229-08-7	Sulfurous acid, lead salt, dibasic*	119
			153	78-00-2		120
121 Tetralead trioxide sulphate* 12202-17-4 154 Sodium perborate; perboric acid, sodium salt* -			154	12202-17-4		121
122 Trilead dioxide phosphonate* 12141-20-7 155 Sodium peroxometaborate* 7632-	eroxometaborate* 7632-04-4	Sodium peroxometaborate	155	12141-20-7	Trilead dioxide phosphonate*	122
	fluoride* 7790-79-6	Cadmium fluoride*	156	110-00-9		123
124 methyloxirane 75-56-9 157 Cadmium suipnate 31119	31119-53-6	•	157	75-56-9		124
Diethyl sulphate 64-67-5 158 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-3846-di-tert-butylphenol (UV-3846-di-tert-butylpheno	azol-2-yl-4,6-di-tert-butylphenol (UV-		158	64-67-5	Diethyl sulphate	125
126 Dimethyl sulphate 77-78-1				77-78-1	Dimethyl sulphate	126
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-	zotriazol-2-yl)-4,6-ditertpentylphenol	2-(2H-benzotriazol-2-vl)-4.	450		3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-	
128 Dinoseb 88-85-7 159 (UV-328) 25973	25973-55-1	,	159	88-85-7	Dinoseb	128
129 4,4'-methylenedi-o-toluidine 838-88-0		,	1	838-88-0	4,4'-methylenedi-o-toluidine	
130 4,4'-oxydianiline and its salts 101-80-4						130

^{- &#}x27;*' denotes concentration of the SVHC was conversion of test results of the corresponding metal ion
- '\$' The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

Dated: 2020-11-30



No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo- 8-oxa-3,5-dithia-4-	15571-58-1	179	Cadmium hydroxide*	21041-95-2
161	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)	-	180	Chrysene	218-01-9
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 (EC No. 201-559-5)	68515-51-5, 68648-93-1 (271-094-0, 272-013-1)	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	-
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 isomers of [1] and [2] or any combination thereof]	-	182	Octamethylcyclotetrasiloxane (D4)	556-67-2
164	1,3-propanesultone	1120-71-4 (214-317-9)	183	Decamethylcyclopentasiloxane (D5)	541-02-6
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol- 2-yl)phenol (UV-327)	3864-99-1 (223-383-8)	184	Dodecamethylcyclohexasiloxane (D6)	540-97-6
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6- (sec-butyl)phenol (UV-350)	36437-37-3 (253-037-1)	185	Lead	7439-92-1
167	Nitrobenzene	98-95-3 (202-716-0)	186	Disodium octaborate*	12008-41-2
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluorononanoic acid and its sodium and ammonium salts	375-95-1; 21049-39-8; 4149-60-4 (206-801-3)	187	Benzo[ghi]perylene	191-24-2
169	Benzo[def]chrysene	50-32-8 (200-028-5)	188	Terphenyl hydrogenated	61788-32-7
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7 (201- 245-8)	189	Ethylenediamine (EDA)	107-15-3
171	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2, 3830- 45-3, 3108-42-7 (206-400-3, -, 221-470-5)	190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7
172	4-heptylphenol, branched and linear (4-HPbl)	- `	191	Dicyclohexyl phthalate (DCHP)	84-61-7
173	4-tert-pentylphenol (PTAP)	80-46-6 (201- 280-9)	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)	_	193	1,7,7-trimethyl-3- (phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8
175	Dechlorane Plus(TM)	-	194	Benzo[k]fluoranthene	207-08-9
176	Benz[a]anthracene	56-55-3	195	Fluoranthene	206-44-0
177	Cadmium nitrate*	10325-94-7	196	Phenanthrene	85-01-8
178	Cadmium carbonate* - '*' denotes concentration of the SVHC wa	513-78-0	197	Pyrene	129-00-0

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^{- &#}x27;*' denotes concentration of the SVHC was conversion of test results of the corresponding metal ion
- '\$' The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

Dated: 2020-11-30



No.	Substance Name	CAS No.	No.	Substance Name	CAS No.
198	4-tert-butylphenol	98-54-4	204	Diisohexyl phthalate	71850-09-4
199	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	ı	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-
200	2-methoxyethyl acetate 110-49-6 (203-772-9)	110-49-6	206	1-vinylimidazole	1072-63-5
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	207	2-methylimidazole	693-98-1
202	2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
203	2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	209	Butyl 4-hydroxybenzoate (Butylparaben)	94-26-8
	- '*' denotes concentration of the SVHC was conversion of test results of the corresponding metal ion - ' [§] ' The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.				

-- END OF THE TEST REPORT --



General Terms and Conditions

of TÜV SÜD Hong Kong Limited (hereinafter referred to as the company)



General Information and Definitions

- In the event that an order for any services is placed, the Client shall accept the General In the event that an order for any services is placed, the Client shall accept the General Terms and Conditions. The General Terms and Conditions shall be applicable to all orders ,resulting contracts and other arrangements, including all offers made or services provided by the Company or any of its affiliated companies They are not applicable if and as far as they are in conflict with the regulations on services performed on behalf of governments, government bodies or any other public entity, or they are in conflict with mandatory provisions of local law. The Client's placement of orders as well as the conclusion of contracts with the Company shall be regarded as awareness and acceptance of these General Terms and Conditions. The Company strongly recommends any Client or potential Client to read the full text of these General Terms and Conditions prior to placement of any order to or conclusion of any contract with the Company. Ancillary agreements, promises and other statements made on the part of the Company staff or the experts called upon by them shall be binding only if they are expressly confirmed by the Company in writing. This shall also apply to any modifications of this clause.
- to any modifications of this clause.

Provision of Services

- (2.1) With due care and skill, the Company will provide services according to Client's specific instructions as made available by the Client. In the absence of Client's specific instructions, the following is deemed as instructions given to the Company:
 (a) The terms of any standard specification sheet or standard order form provided by the

 - Any relevant usage, practice or trade custom; and/or
 - Such methods the Company considers technically, operationally and/or on financial grounds appropriate
- No other party is entitled to give any instructions particularly on the scope and type of the services or the reports delivered, or on the resulting certificates (the "Reports of Findings"), unless the Company receives prior written instructions to the contrary from the Client. The Client hereby irrevocably authorizes the Company to deliver Reports of Findings to a third party where so instructed by the Client or, at the Company's discretion, where it implicitly follows from circumstances, trade custom, usage or practice.

 The Information stated in the Report of Findings is derived from the results of inspection or
- testing procedures carried out in accordance with the instructions and/or Company's assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in Company's professional experience be taken into
- Reports of Findings issued after the testing of samples refer the Company's opinion only on samples under testing and not to the lot from which the samples were drawn.
- Client agrees that the Company's sole responsibility is to be present at the time of the third party's intervention and to forward the results, or confirm the occurrence of the intervention, in case Client requests the Company to witness any third party's intervention. Client agrees that the Company will use the test methods for analysis as requested in the request form, and if none is stated in the form, the Company will choose the appropriate test
- The Reports of Findings issued by the Company will reflect the facts as recorded by it at the time of its intervention only and within the limits of the instructions received or, in the absence of such instructions, within the limits of the alternative parameters applied as provided for in Clause 2.1. The Company is under no obligation to refer to, or report upon, any facts or circumstances, which are outside the specific instructions received or alterna-
- The performance of all or part of the services may be delegated to an agent or subcontractor by the Company. The Client authorizes the Company to disclose all information
- necessary for such performance to the agent or subcontractor.

 Documents reflecting engagements contracted between the Client and third parties or third party documents, e.g. sales contract copies, letters of credit, bills of lading, etc. should be made available to the Company. These are considered to be for information only, and do
- not extend or restrict the scope of the services or the obligations accepted by the Company. The Company agrees that, by providing the services to the Client, it neither takes the place of Client or any third party, nor otherwise assumes, abridges, abrogates or undertakes to discharge any duty of the Client to any third party or that of any third party to the Client. Al-
- so, it does not release the Client or any third party from any of their obligations. (2.10) Depending on the nature of each sample, all samples given to the Company shall be retained for a maximum of 3 months or for such other shorter time period as the nature of the sample permits, and then sent back to Client or otherwise disposed of at the Compaof the sample serims, and item sent section of the company will not be responsible for the samples. Storage of samples for more than 3 months shall incur a storage fee payable by the Client. If samples are returned to the Client, the Client will be billed a handing and freight fees. Special disposal charges will be billed to the Client if incurred.

Client's Obligations

- (3.1) ensure that all required supporting documents, information and instructions as submitted are accurate, trueful and complete. These information are to be submitted in a timely not later than 2 working days from the date of which the services are requested by the
- ensure to give all necessary access for the Company's representatives to the premises where the services are to be performed and to take all necessary steps to eliminate or remedy any dostacles to, or interruptions in the performance of the services;
- make available any special equipment and personnel necessary for the performance of the services, if required;
- ensure that for the safety and security of working conditions, sites and installations, all necessary measures are taken during the performance of services. In this respect, the Client will not rely on the Company's advice whether required or not; inform the Company of any known hazards or dangers, actual or potential, associated
- with any order, samples, testing or any other service rendered by the Company well in advance. Those are, but are not limited to the presence or risk of radiation, environ-
- mental pollution or poisons-toxic or noxious or explosive elements or materials; fully exercise all its rights and discharge all its liabilities under any relevant sales or other contract with a third party.

Fees and Payment

- (4.1) All Fees not agreed on between the Company and Client at the time the order is placed or a contract is concluded shall be determined by the Company's Schedule of Fees (which are subject to change). All applicable taxes shall be paid by Client, as far as man-
- datory laws do not provide otherwise.

 Unless a specific period is established in the invoice, the Client shall pay upon receiv
- ing the invoice, but not later than 30 days from the relevant invoice date or within such other period as may be established by the Company in the invoice (the "Due Date"). The Client shall not be entitled to retain or defer due payment of any sums to the Company on account of any dispute, counter claim or set-off against the Company. The Company reserves the right to retain or defer any due payments if any dispute arises with or it raises any counterclaim against the Client. The Company is entitled to set off due payments against payments of the Cli-

- For the collection of unpaid fees, the Company may decide to bring action in any court with competent jurisdiction. The corresponding collection costs, including attorney's fees and related costs, shall be borne by the Client, as far as the mandatory local law does not provide otherwise.
- In case of any unforeseen problems or expenses arise while carrying out the services, the Company informs the Client. In such cases, the Company shall be entitled to charge additional fees to cover extra time and to invoice extra costs necessarily incurred to complete the services.
- If the Company is unable to perform all or parts of the services for any cause whatsoever beyond the Company's control, including the failure by Client to comply with any of its obligations provided for in the foregoing Clause 3, the Company shall nevertheless be entitled to payments of:
 - The amount of all non-refundable expenses incurred by the Company; and
 - A proportion of the agreed fee equal to the proportion of the services actually carried out.

Suspension or Termination of Services

In any case mentioned below, the Company shall be entitled to either suspend or minate the provision of the services immediately and without any liability:

1) Failure by the Client to comply with any of its obligations under these General

- Terms and Conditions and such failure is not remedied within 10 days after a notice of such failure has been delivered to the Client; or
- Any suspension of payment, arrangement with creditors, bankruptcy, insolvency, receivership or cessation of business by Client.

Liability and Indemnification

- (6.1) <u>Limitation of Liability</u>.
 (1) Clients seeking a guarantee against loss or damage should obtain appropriate insurance. The Company is neither an insurer nor a guarantor and disclaims all liability in such capacity.
 - Reports of Findings are issued on the basis of the information, documents and/or samples provided by, or on behalf of the Client and solely for the beneft of the Client who is obliged to act on the basis of such Reports of Findings. Neither the Company nor any of its staff, agents or subcontractors shall be liable to the Client nor to any third party for any actions taken or not taken on the basis of such Reports of Findings, or for any incorrect results arising from unclear, erroneous, incomplete, misleading or false information pro-
 - from unclear, erroneous, incomplete, misleading or taise information provided to the Company.

 For any delayed, total or partial non-performance of the services arising directly or indirectly from any event beyond the Company's control, including failure by Client to comply with any of its obligations hereunder, the Company shall not be liable.

 The liability of the Company in respect of any claim for loss, damage or expected for unclaim for loss and provided the company of the com
 - pense of any nature and howsoever arising shall in no circumstances exceed a total aggregate sum equal to 10 times the amount of the fee paid in respect of the specific service which gives rise to such claim, and shall in any case not exceed the equivalent of 25,000 EUR in HKD.
 - For any indirect or consequential loss (including loss of profits), the Company shall not have any liabilities.

 In case of any claim, the Client must give written notice to the Company
 - ny within 30 days of discovery of the facts with all necessary documents to justify such claim. In any case, the Company shall be discharged from all liability for all claims for loss, damage or expense unless a lawsuit is brought within two years from:
 - the performance date of the Company for its services which refers to the claim; or
- (ii) the date when the service should have been completed in the event of any alleged non-performance.

 (6.2) Indemnification Against all claims (actual or threatened) by any third party for loss, damage or expenses of whatsoever nature including all legal expenses and related costs and howsoever aising relating to the performance, purported performance or non-performance of any services, the Client shall guarantee, hold harmless and indemnify the Company and its officers, employees, agents or sub-

Obligation of Confidentiality, Copyright, Data Privacy Protection

- (7.1) The Company shall be authorized to make file copies of written documents, which have been made available to it for review and which are important for processing the order.
- Insofar as Reports of Findings are prepared in the course of processing the order and which are subject to the protection of copyright, then the Company shall grant the Client a simple, non-transferable right to use, insofar as this is necessary and in accordance with the contractually presupposed purpose. Other rights shall not be transferred; in particular, the customer shall not be entitled to modify and/or edit audit reports or to make use of such outside of his business
- The Company and its staff which may be called in shall not disclose or use trade and business matters about which they have gained knowledge during the performance of their work without proper authorization, or unless instructed by a court or authorized body (e.g. regulatory authority, accreditation body or certification scheme owner) or otherwise legally required.

Miscellaneous

- (8.1) The validity, legality and enforceability of the remaining provisions shall not in any way be affected or impaired, even if any one or more provisions of these General Conditions are found to be illegal or unenforceable in any respect.
- Client shall not directly or indirectly entice, encourage or make any offer to Company's employees to leave their employment with the Company, during
- the course of providing the services and for a period of one year thereafter. Use of the Company's corporate name or registered marks for advertising purposes is not permitted without the Company's prior written authorization.

Governing Law, Jurisdiction and Dispute Settlement

- (9.1) Unless specifically agreed otherwise, all disputes arising out or in connection with contractual relationship(s) hereunder shall be governed by the applicable laws and regulations of the Hong Kong S.A.R Region.
 (9.2) Place of performance for any obligation arising out of this contract shall be Hong Kong, the Place of the TÜV SÜD Hong Kong Limited unless otherwise
- expressly agreed by the parties.

10. Languages

In the event of any discrepancy between the English and the Chinese version of these General Terms and Conditions, the English version shall prevail.