

Declaramos que este producto está en conformidad con las siguientes leyes europeas:

Referencia: 423316

Descripción: Mascarilla reutilizable de algodón. Polibag individual, cajas 50 uds. Correas elásticas y ajuste nasal. 7 capas (5 capas interiores de filtro Melt Blown S S MMS) y filtración bacteriana del 95%. Lavable a 60 grados (máx 50 lavados). Uso no médico.

Certificados:

- Cadmium
- AZO Dyes/Amines
- SVHC's
- Formaldehyde
- Bacterial Filtration Efficiency (BFE)



Test Report

Report No. : AGC06923201101-001S1

SAMPLE NAME : 3 Ply face Mask (7 Layer)

MODEL NAME : AIM-00110

APPLICANT : Favorite Logistics B.V.

STANDARD(S) : Please refer to follow page(s).

**DATE OF
ISSUE** : Nov.11, 2020

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Applicant : Favorite Logistics B.V.
Address : Het Eek 1, 4004 LM, Tiel, The Netherlands
Test Site : 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community,
Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

Report on the submitted sample(s) said to be:

Sample Name : 3 Ply face Mask (7 Layer)
Model : AIM-00110
Item No. : 423316
Country of Origin : INDIA
Country of Destination : EUROPE
Supplier :
Supplier Address :

Sample Received Date : Nov.04, 2020
Testing Period : Nov.04, 2020 to Nov.09, 2020

Test Requested:

1. As specified by client, to determine the Aromatic Amines Azodyes(AZO) content in the submitted sample(s) with reference to entry 43, Annex XVII of the REACH Regulation (EC) No 1907/2006.
2. As specified by client, to determine the Cadmium(Cd) content in the submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EC) No 1907/2006.
3. As specified by client, to determine the formaldehyde content in the submitted sample with reference to Standard 100 by OEKO-TEX(2020).
4. As specified by client, refer to EU Regulation (EC) No 1907/2006 (REACH), to screen two hundred and nine (209) Substances of Very High Concern (SVHC) in the submitted sample. The list is the one that is published by European Chemicals Administration (ECHA) on June 25, 2020.

Conclusion

Pass

Pass

Pass

/

Approved by: 

Liangdan, Jessie.Liang

Technical Director

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Test Result:
1. Test Result of Aromatic Amines Azodyes(AZO) Content

Test Item	Test Method/ Instrument	MDL	Limit
4-Aminobiphenyl(CAS No.:92-67-1)	EN ISO 14362-1:2017& EN ISO 14362-3:2017 ^{a/} GC-MS	5mg/kg	≤30mg/kg
Benidine(CAS No.:92-87-5)		5mg/kg	≤30mg/kg
4-Chloro-o-Toluidine (CAS No.:95-69-2)		5mg/kg	≤30mg/kg
2-Naphthylamine(CAS No.: 91-59-8)		5mg/kg	≤30mg/kg
o-Aminoazotoluene (CAS No.:97-56-3)		5mg/kg	≤30mg/kg
5-Nitro-o-toluidine(CAS No.:99-55-8)		5mg/kg	≤30mg/kg
4-Chloroaniline(CAS No.: 106-47-8)		5mg/kg	≤30mg/kg
4-Methoxy-m-phenylenediamine (CAS No.: 615-05-4)		5mg/kg	≤30mg/kg
4,4'-Diaminodiphenylmethane (CAS No.: 101-77-9)		5mg/kg	≤30mg/kg
3,3'-Dichlorobenzidine (CAS No.: 91-94-1)		5mg/kg	≤30mg/kg
3,3'-Dimethoxybenzidine (CAS No.: 119-90-4)		5mg/kg	≤30mg/kg
3,3'-Dimethybenzidine (CAS No.:119-93-7)		5mg/kg	≤30mg/kg
4,4'-Methylenedi-o-toluidine (CAS No.:838-88-0)		5mg/kg	≤30mg/kg
p-Cresidine(CAS No.:120-71-8:)		5mg/kg	≤30mg/kg
4,4'-Methylene-bis-(2-chloro-aniline) (CAS No.:101-14-4)		5mg/kg	≤30mg/kg
4,4'-Oxydianiline(CAS No.:101-80-4)		5mg/kg	≤30mg/kg
4,4'-Thiodianiline(CAS No.:139-65-1)		5mg/kg	≤30mg/kg
o-Toluidine(CAS No.:95-53-4)		5mg/kg	≤30mg/kg
4-Methyl-m-phenylenediamine (CAS No.:95-80-7)		5mg/kg	≤30mg/kg
2,4,5-Trimethylaniline (CAS No.:137-17-7)		5mg/kg	≤30mg/kg
o-Anisidine(CAS No.:90-04-0)		5mg/kg	≤30mg/kg
4-Aminoazobenzene (CAS No.:60-09-3)		5mg/kg	≤30mg/kg

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Test Item(s)	Result(s) (mg/kg)			
	1-1	1-2	1-3	1-5
4-Aminobiphenyl	N.D.	N.D.	N.D.	N.D.
Benzidine	N.D.	N.D.	N.D.	N.D.
4-Chloro-o-Toluidine	N.D.	N.D.	N.D.	N.D.
2-Naphthylamine	N.D.	N.D.	N.D.	N.D.
o-Aminoazotoluene	N.D.	N.D.	N.D.	N.D.
5-Nitro-o-toluidine	N.D.	N.D.	N.D.	N.D.
4-Chloroaniline	N.D.	N.D.	N.D.	N.D.
4-Methoxy-m-phenylenediamine	N.D.	N.D.	N.D.	N.D.
4,4'-Diaminodiphenylmethane	N.D.	N.D.	N.D.	N.D.
3,3'-Dichlorobenzidine	N.D.	N.D.	N.D.	N.D.
3,3'-Dimethoxybenzidine	N.D.	N.D.	N.D.	N.D.
3,3'-Dimethylbenzidine	N.D.	N.D.	N.D.	N.D.
4,4'-Methylenedi-o-toluidine	N.D.	N.D.	N.D.	N.D.
p-Cresidine	N.D.	N.D.	N.D.	N.D.
4,4'-Methylene-bis-(2-chloro-aniline)	N.D.	N.D.	N.D.	N.D.
4,4'-Oxydianiline	N.D.	N.D.	N.D.	N.D.
4,4'-Thiodianiline	N.D.	N.D.	N.D.	N.D.
o-Toluidine	N.D.	N.D.	N.D.	N.D.
4-Methyl-m-phenylenediamine	N.D.	N.D.	N.D.	N.D.
2,4,5-Trimethylaniline	N.D.	N.D.	N.D.	N.D.
o-Anisidine	N.D.	N.D.	N.D.	N.D.
4-Aminoazobenzene	N.D.	N.D.	N.D.	N.D.
Conclusion	Conformity	Conformity	Conformity	Conformity

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3. Test Result of Cadmium(Cd) Content

Test Item	Cadmium(Cd) (CAS No.: 7440-43-9)
Limit(mg/kg)	<100
MDL(mg/kg)	10
Test Method/ Instrument	IEC 62321-5:2013/ ICP-OES

No.	Test result (mg/kg)	Conclusion
	Cadmium(Cd)	
1-1	N.D.	Conformity
1-2	N.D.	Conformity
1-3	N.D.	Conformity
1-5	N.D.	Conformity

5. Test Result of formaldehyde Content

Test Item	Formaldehyde
Limit(mg/kg)	<75(in direct contact with skin)
MDL(mg/kg)	16
Test Method/ Instrument	ISO 14184-1:2011 UV-Vis

No.	Test result (mg/kg)	Conclusion
	Formaldehyde	
1-1	N.D.	Conformity
1-2	N.D.	Conformity
1-3	N.D.	Conformity
1-4	N.D.	Conformity
1-5	N.D.	Conformity
1-6	N.D.	Conformity

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Note:

mg/kg = milligram per kilogram
MDL = Method Detection Limit

N.D.=Not Detected (less than method detection limit)

Remark:

- ^a The EN ISO 14362-1:2017 methods will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine, therefore, the test method of EN ISO 14362-3:2017 was employed to verify the presence of 4-aminoazobenzene

4. REACH 209

Sample Name.	Part No.	Test Point Description
3 Ply face Mask (7 Layer)	1-7	Non-metal

Test Result:

Part No.	Substances Name	CAS No.	Test Result(%)	RL(%)	Conclusion
1-7	All test SVHC in candidate list	----	N.D.	0.01	Pass

Remarks

- 1.If a SVHC found over 0.1%, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.
- 2.The report limit (RL)= Results below this value will be stated as N.D.
3. N.D.=Not Detected (<report limit)
- 4.As specified by client, the submitted samples were mixed to test.

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Test Method: Refer to in-house method

Equipment: GC-MS/ ICP-OES/ HPLC/ IC/ UV-Vis/ GC-FID/ LC-MS-MS

Substance information:

No.	Substance Name(s)	CAS No.	EC No.
First batch			
1	Anthracene	120-12-7	204-371-1
2	4,4'-Diaminodiphenylmethane	101-77-9	202-974-4
3	Dibutyl phthalate (DBP)	84-74-2	201-557-4
4	Bis(2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0
5	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7
6	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
7	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2	201-329-4
8	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)	247-148-4 221-695-9
9	Alkanes, C10-13 chloro (short chain chlorinated paraffins,SCCP)	85535-84-8	287-476-5
10	Lead hydrogen arsenate*	7784-40-9	232-064-2
11	Triethyl arsenate*	15606-95-8	427-700-2
12	Diarsenic pentaoxide *	1303-28-2	215-116-9
13	Diarsenic trioxide*	1327-53-3	215-481-4
14	Cobalt dichloride*	7646-79-9	231-589-4
15	Sodium dichromate*	7789-12-0 10588-01-9	234-190-3
Second batch			
16	①Anthracene oil	90640-80-5	292-602-7
17	①Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5
18	①Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
19	①Anthracene oil, anthracene-low	90640-82-7	292-604-8
20	①Anthracene oil, anthracene paste	90640-81-6	292-603-2
21	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2
22	2,4-Dinitrotoluene (2,4-DNT)	121-14-2	204-450-0
23	②Lead chromate	7758-97-6	231-846-0

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No.	Substance Name(s)	CAS No.	EC No.
24	②Lead chromate molybdatesulphate red (C.I. Pigment Red 104) ***	12656-85-8	235-759-9
25	②Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2	215-693-7
26	①Pitch, coal tar, high temp.	65996-93-2	266-028-2
27	Tris(2-chloroethyl)phosphate(TCEP)	115-96-8	204-118-5
28	Acrylamide	79-06-1	201-173-7
Third batch			
29	Trichloroethylene	79-01-6	201-167-4
30	Boric acid*	10043-35-3 11113-50-1	233-139-2 234-343-4
31	Disodium tetraborate, anhydrous*	1330-43-4 12179-04-3 1303-96-4	215-540-4
32	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3
33	Sodium chromate*	7775-11-3	231-889-5
34	Potassium chromate*	7789-00-6	232-140-5
35	Ammonium dichromate*	7789-09-5	232-143-1
36	Potassium dichromate*	7778-50-9	231-906-6
Fourth batch			
37	Chromium trioxide*	1333-82-0	215-607-8
38	2-Methoxyethanol	109-86-4	203-713-7
39	2-Ethoxyethanol	110-80-5	203-804-1
40	Cobalt(II) diacetate*	71-48-7	200-755-8
41	Cobalt(II) carbonate*	513-79-1	208-169-4
42	Cobalt(II) dinitrate*	10141-05-6	233-402-1
43	Cobalt(II) sulphate*	10124-43-3	233-334-2
44	Acids generated from chromium trioxide and their oligomers Group containing: Chromic acid*, Dichromic acid*, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5
Fifth batch			
45	2-ethoxyethyl acetate	111-15-9	203-839-2
46	Strontium chromate *	7789-06-2	232-142-6
47	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6

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No.	Substance Name(s)	CAS No.	EC No.
48	Hydrazine	7803-57-8 302-01-2	206-114-9
49	1-methyl-2-pyrrolidone	872-50-4	212-828-1
50	1,2,3-trichloropropane	96-18-4	202-486-1
51	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1
Sixth batch			
52	Dichromiumtris(chromate) *	24613-89-6	246-356-2
53	Potassium hydroxyoctaoxodizincate di-chromate*	11103-86-9	234-329-8
54	Pentazinc chromate octahydroxide ***	49663-84-5	256-418-0
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
56	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6
57	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
58	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2
59	1,2-Dichloroethane	107-06-2	203-458-1
60	Bis(2-methoxyethyl) ether	111-96-6	203-924-4
61	Arsenic acid*	7778-39-4	231-901-9
62	Calcium arsenate*	7778-44-1	231-904-5
63	Trileaddiarsenate*	3687-31-8	222-979-5
64	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
65	Phenolphthalein	77-09-8	201-004-7
66	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9
67	Lead azide; Lead diazide*	13424-46-9	236-542-1
68	Lead styphnate*	15245-44-0	239-290-0
69	Lead dipicrate*	6477-64-1	229-335-2
70	②Aluminosilicate Refractory Ceramic Fibres (RCF)**	-	-
71	②Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)**	-	-
Seventh batch			
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9
74	Diboron trioxide*	1303-86-2	215-125-8

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No.	Substance Name(s)	CAS No.	EC No.
75	Lead(II)bis(methanesulfonate)*	17570-76-2	401-750-5
76	Formamide	75-12-7	200-842-0
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3
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
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	208-953-6
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6
83	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)	561-41-1	209-218-2
Eighth batch			
85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2
87	Tricosafuorododecanoic acid	307-55-1	206-203-2
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4
90	①4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-
91	①4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8

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No.	Substance Name(s)	CAS No.	EC No.
93	Hexahydromethylphthalic anhydride	25550-51-0	247-094-1
	Hexahydro-4-methylphthalic anhydride	19438-60-9	243-072-0
	Hexahydro-1-methylphthalic anhydride	48122-14-1	256-356-4
	Hexahydro-3-methylphthalic anhydride	57110-29-9	260-566-1
94	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236- 086-3, 238-009- 9
95	Methoxy acetic acid	625-45-6	210-894-6
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2
97	Diisopentylphthalate(DIPP)	605-50-5	210-088-4
98	N-pentyl-isopentylphthalate	776297-69-9	-
99	1,2-diethoxyethane	629-14-1	211-076-1
100	N,N-dimethylformamide	68-12-2	200-679-5
101	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0
102	Acetic acid, lead salt, basic*	51404-69-4	257-175-3
103	Trileadbis(carbonate) dihydroxide*	1319-46-6	215-290-6
104	Lead oxide sulfate*	12036-76-9	234-853-7
105	[Phthalato(2-)]dioxotrilead *	69011-06-9	273-688-5
106	Dioxobis(stearato)trilead *	12578-12-0	235-702-8
107	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7
108	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0
109	Lead cyanamate*	20837-86-9	244-073-9
110	Lead dinitrate*	10099-74-8	233-245-9
111	Lead oxide (lead monoxide)*	1317-36-8	215-267-0
112	Lead tetroxide (orange lead)*	1314-41-6	215-235-6
113	Lead titanium trioxide*	12060-00-3	235-038-9
114	Lead Titanium Zirconium Oxide*	12626-81-2	235-727-4
115	②Pentaleadtetraoxidesulphate*	12065-90-6	235-067-7
116	②Pyrochlore, antimony lead yellow *	8012-00-8	232-382-1
117	②Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5
118	Silicic acid, lead salt*	11120-22-2	234-363-3
119	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1
120	Tetraethyllead*	78-00-2	201-075-4

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No.	Substance Name(s)	CAS No.	EC No.
121	Tetralead trioxide sulphate*	12202-17-4	235-380-9
122	Trilead dioxide phosphonate*	12141-20-7	235-252-2
123	Furan	110-00-9	203-727-3
124	Methyloxirane (Propylene oxide)	75-56-9	200-879-2
125	Diethyl sulphate	64-67-5	200-589-6
126	Dimethyl sulphate	77-78-1	201-058-1
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7
128	Dinoseb	88-85-7	201-861-7
129	4,4'-methylenedi- <i>o</i> -toluidine	838-88-0	212-658-8
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0
131	4-aminoazobenzene	60-09-3	200-453-6
132	4-methyl- <i>m</i> -phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1
133	6-methoxy- <i>m</i> -toluidine (p-cresidine)	120-71-8	204-419-1
134	Biphenyl-4-ylamine	92-67-1	202-177-1
135	<i>o</i> -aminoazotoluene [(4- <i>o</i> -tolylazo- <i>o</i> -toluidine)]	97-56-3	202-591-2
136	<i>o</i> -toluidine	95-53-4	202-429-0
137	N-methylacetamide	79-16-3	201-182-6
138	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0
Ninth batch			
139	①4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-	-
140	Cadmium	7440-43-9	231-152-8
141	Cadmium oxide*	1306-19-0	215-146-2
142	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4
143	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9
144	Dipentyl phthalate (DPP)	131-18-0	205-017-9
Tenth batch			
145	Cadmium sulphide *	1306-23-6	215-147-8
146	Dihexyl phthalate(DnHP)	84-75-3	201-559-5

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No.	Substance Name(s)	CAS No.	EC No.	
147	②Disodium 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	
148	②Disodium 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	
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	
150	Trixylyl phosphate	25155-23-1	246-677-8	
151	Lead di(acetate) *	301-04-2	206-104-4	
Eleventh batch				
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	
153	Cadmium chloride*	10108-64-2	233-296-7	
154	Sodium perborate; perboric acid, sodium salt*	-	239-172-9 234-390-0	
155	Sodium peroxometaborate*	7632-04-4	231-556-4	
Twelfth batch				
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	
157	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	
159	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)	-	-	
160	Cadmium fluoride*	EPA 3050B:1996& EPA 3052:1996& EPA 6010C:2007 ICP-OES	7790-79-6	232-222-0
161	Cadmium sulphate*		10124-36-4 31119-53-6	233-331-6
Thirteenth batch				
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyldiesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	
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]	-	-	
Fourteenth batch				
164	1,3-propanesultone	1120-71-4	214-317-9	

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No.	Substance Name(s)	CAS No.	EC No.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1
167	Nitrobenzene	98-95-3	202-716-0
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorodecanoic acid and its sodium and ammonium salts	375-95-1, 21049-39-8 4149-60-4	206-801-3
Fifteenth batch			
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5
Sixteenth batch			
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8
171	4-tert-pentylphenol (PTAP)	80-46-6	201-280-9
172	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]	-	-
173	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5
Seventeenth batch			
174	Perfluorohexane-1-sulphonic acid and its salts	355-46-4	206-587-1
Eighteenth batch			
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 ("DechloranePlus"™) [covering any of its individual anti- and syn-isomers or any combination thereof]	-	-
176	Benz[a]anthracene	56-55-3	200-280-6
177	Cadmium nitrate*	10325-94-7	233-710-6
178	Cadmium carbonate*	513-78-0	208-168-9
179	Cadmium hydroxide*	21041-95-2	244-168-5
180	Chrysene	218-01-9	205-923-4
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]	-	-
Item 182 SVHC Substance (Added by (EU) 2018/594 on April 19, 2018)			
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	209-008-0

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No.	Substance Name(s)	CAS No.	EC No.
Item 183 SVHC Substance (Added by (EU) 2018/636 on April 25, 2018)			
183	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9
Nineteenth batch			
184	Benzo[ghi]perylene	191-24-2	205-883-8
185	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9
186	Disodium octaborate*	12008-41-2	234-541-0
187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8
188	Ethylenediamine	107-15-3	203-468-6
189	Lead	7439-92-1	231-100-4
190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7
191	Terphenyl hydrogenated	61788-32-7	262-967-7
Item 192 SVHC Substance (Added by (EU) 2018/2013 on December 18, 2018)			
192	1,7,7-trimethyl-3-(phenylmethylen e)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9
Twentieth batch			
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1
194	Benzo[k]fluoranthene	207-08-9	205-916-6
195	Fluoranthene	206-44-0	205-912-4
196	Phenanthrene	85-01-8	201-581-5
197	Pyrene	129-00-0	204-927-3
Twenty-first batch			
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) HFPO-DA	-	-
199	2-methoxyethyl acetate	110-49-6	203-772-9
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4- NP)	-	-
201	p-tert-Butylphenol, 4-t-Butylphenol (PTBP)	98-54-4	202-679-0
Twenty-second batch			
202	Diisohexyl phthalate	71850-09-4	276-090-2
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1- one	71868-10-5	400-600-6

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No.	Substance Name(s)	CAS No.	EC No.
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-
Twenty-third batch			
206	1-vinylimidazole	1072-63-5	214-012-0
207	2-methylimidazole	693-98-1	211-765-7
208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0

Note:

- *: Inorganic SVHC compounds are obtained by converting the test results of cobalt, chloride, sodium, arsenic, chromium, potassium, lead, boron, zirconium, titanium, phosphorus, calcium, zinc, strontium, molybdenum, aluminum and cadmium elements, and confirmed through the appropriate solvent extraction. At the same time, customers are suggested to check the chemical formula table, to further confirm whether above materials are contained.
- **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation(EC) No 1272/2008).
- ***: C.I.:Colour Index
- ****: Light fractions from distillation
- ①: In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.
- ②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

Sample Description:

1	3 Ply face Mask (7 Layer)
1-1	Black cloth
1-2	Blue cloth
1-3	Gray cloth
1-4	White cloth
1-5	Black elastic band
1-6	White elastic band
1-7	Non-metal

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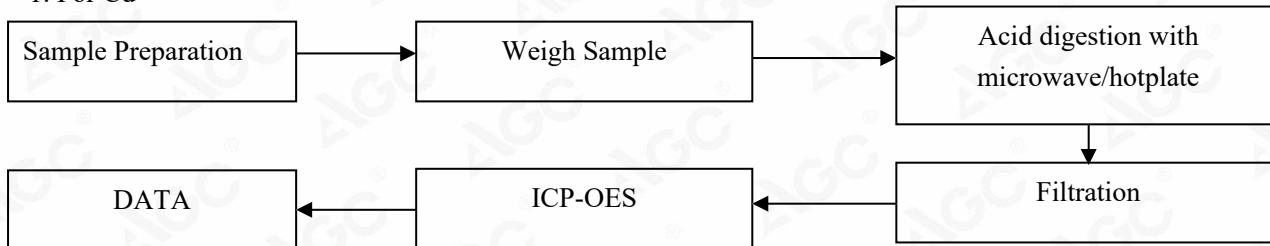
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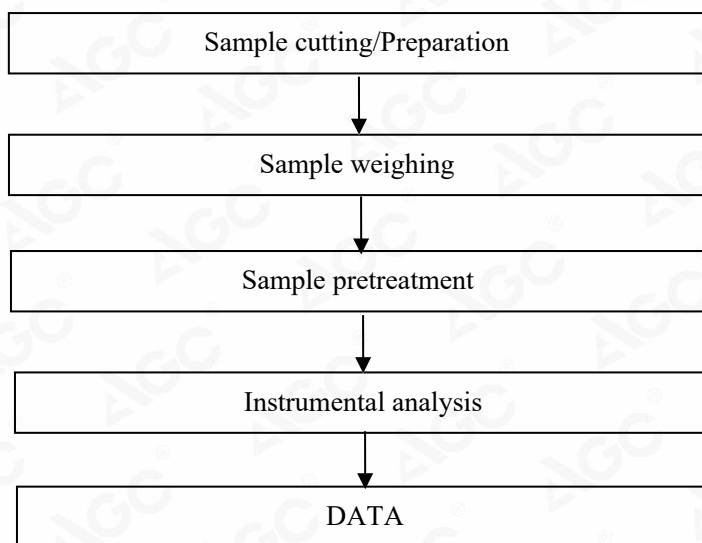


Test Flow Chart

1. For Cd



2. For REACH



This report is to supersede the report with No.: AGC06923201101-001 dated on Nov.09, 2020.

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The photo of the sample



AGC06923201101-001S1

AGC authenticate the photo only on original report

*** End of Report ***

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Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Std & Tech Co., Ltd. (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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BIOTECH TESTING SERVICES

TEST REPORT

LAB NO. : 2001105/ 1

DATE: 08/05/2020

NAME OF CUSTOMER :

ADDRESS :

REFERENCE : Letter Ref. No. Nil dated May 03, 2020

DATE OF RECEIPT : 05/05/2020

DATE OF INITIATION : 05/05/2020

DATE OF COMPLETION : 08/05/2020

SAMPLE DESCRIPTION : TEST SAMPLE LABELED AS: -

Sr. No.	Description
1.	WHITE COLOR MELT BLOWN FABRIC





BIOTECH TESTING SERVICES

Name of Test:

Bacterial Filtration Efficiency (BFE) of Medical Face Mask Sample Materials, using a Biological Aerosol of Staphylococcus aureus by ASTM: F 2101 - 19

Test Organism Used:

Staphylococcus aureus – ATCC 6538

Inoculum Size:

2.10×10^8 CFU/ ml

Test Equipment:

Aerosol challenge Apparatus with Nebulizer assembly and Cascade impactor

Flow Rate of Cascade Impactor:

28.3 L / min

Aerosol Size:

3 microns $\pm$ 0.5

Procedure:

Test sample was clamped between cascade impactor and an aerosol chamber at a distance of 15 cms. Bacterial aerosol of bacteria – Staphylococcus aureus were generated in the chamber using the nebulizer assembly. Aerosols of test organisms of size 3 microns were drawn through the test material using a vacuum attached to cascade impactor. Positive control samples collected aerosol with no test specimen to determine the upstream aerosol counts. The ratio of upstream to down stream was reported as Percentage Bacterial Filtration efficiency. Following results are the Average of three readings.

Results:

Sample Identification	Average Bacterial count	BFE (Percentage)
WHITE COLOR MELT BLOWN FABRIC	40	98.62
Positive Control	2.90×10^3	N. A.

INTERPRETATION:

Fabric sample labeled as **WHITE COLOR MELT BLOWN FABRIC** has exhibited **98.62%** Bacterial Filtration Efficiency when analysed as per **ASTM: F 2101 - 19** standard.



For BIOTECH TESTING SERVICES

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