

TEST REPORT

TXZJ/FZ20200226007

Product name: Disposable face mask

Task source: Biobase Scientific (Shandong) Co.Ltd

Inspected company: Biobase Scientific (Shandong) Co.Ltd

Test Report

Test Number : TXZJ/FZ20200226007 Sample number : 20200226007

Product name	Disposable face mask	Trademark	/	Model	/
Production date / lot number	2020-02-25	Sample quantity	50pieces	Sampling base	/
Inspected company / address / contact number	Biobase Scientific (Shandong) Co.Ltd				
Manufacturer / address / contact number	Biobase Scientific (Shandong) Co.Ltd				
Task source	Biobase Scientific (Shandong) Co.Ltd			Test category	Entrusted inspection
Sample arrival date	2020 02-26	Sample sending personnel	Zac zheng	Test date	2020.02.26 -2020.03.04
Test environment	/			Personnel	/
Sample grade	/	Sample status description	Sample intact	Sealed state	Sealed intact
				Sample / sampling order number	/
Test based on	32610-2016, GB 15979-2002				
Test items	Basic requirements, appearance requirements, formaldehyde content, Ph value, strong breakage of mask strips and joints between mask strips and mask bodies, can break down carcinogenic aromatic amine dyes, coliforms, Pseudomonas aeruginosa, Staphylococcus aureus, hemolytic streptococcus Total number of fungal colonies, total number of bacterial colonies, filtration efficiency, protective effects, resistance to inhalation, resistance to exhalation				
Test results	Physical quality judgment	/			
	Label judgment	/			
	Product quality Comprehensive judgment	The sample was inspected according to GB / T32610-2016 and GB15979-2002,and the item is qualified (stamp) Date: March 11th,2020			
Remark	1. This report contains the front cover and back cover. 2. The photocopy of this report is not valid without the red seal. 3. The symbol "/" indicates that the item has no content.				

NO.	Test items	Unit	Technical requirement	Test result	Single judgement
1	Basic requirements	/	1. The mask should be able to securely protect the mouth and nose. 2. There should be no sharp corners and edges that can be touched. 3. The mask should be easy to wear and remove, and there should be no obvious feeling of pressure or tenderness during wearing, and it will have little impact on the movement of the head.	1. The mask can safely protect the mouth and nose. 2. The mask has no accessible sharp angles and sharp edges, and it does not harm the wearer. 3. The mask should be easy to wear and remove, and there should be no obvious feeling of pressure or tenderness during wearing, and it will have little impact on the movement of the head.	Qualified
2	Appearance requirements		The surface of the mask should be free from damage, oil stains, deformation and other obvious defects.	The surface of the mask is free from damage, oil stains, deformation and other obvious defects.	Qualified
3	Formaldehyde content	mg/kg	≤20	Not detected	Qualified
4	pH value	/	4.0-8.5	6.6	Qualified
5	Breaking strength of the mask belt and the joint between the mask belt and the mask body	N	≥20	24	Qualified
6	Decomposable carcinogenic aromatic amine dye	/	/	/	/
6.1	4-aminobiphenyl (CAS: 92-67-1)	mg/kg	Disable	Not detected	Qualified
6.2	Benzidine (CAS: 92-87-5)	mg/kg	Disable	Not detected	Qualified
6.3	2-naphthylamine (CAS: 91-59-8)	mg/kg	Disable	Not detected	Qualified
6.4	4-Chloro-o-toluidine (CAS: 95-69-2)	mg/kg	Disable	Not detected	Qualified
6.5	O-Aminotoluene Toluene (CAS: 97-56-3)	mg/kg	Disable	Not detected	Qualified
6.6	5-nitro-o-pinepine (CAS: 99-55-8)	mg/kg	Disable	Not detected	Qualified
6.7	Para-aniline (CAS: 106-47-8)	mg/kg	Disable	Not detected	Qualified
6.8	2, 4-Diaminoanisoole (CAS: 615-05-4)	mg/kg	Disable	Not detected	Qualified
6.9	4,4'-dioxydiphenylmethane (CAS: 101-77-9)	mg/kg	Disable	Not detected	Qualified
6. 10	3, 3'-Diphenylbenzidine (CAS: 91-94-1)	mg/kg	Disable	Not detected	Qualified
6. 11	3, 3'-dimethoxybenzidine (CAS: 119-90-4)	mg/kg	Disable	Not detected	Qualified
6.12	3, 3'-dimethylbenzidine (CAS: 119-93-7)	mg/kg	Disable	Not detected	Qualified

6. 13	3, 3'-dimethyl-4, 4'-diaminodiphenylmethane (CAS: 838-88-0)	mg/kg	Disable	Not detected	Qualified
6.14	2-methoxy-5-methylaniline (CAS: 120-71-8)	mg/kg	Disable	Not detected	Qualified
6. 15	4,4'-methylene-bis-(2-chloroaniline) (CAS: 101-14-4)	mg/kg	Disable	Not detected	Qualified
6.16	4, 4V -Diaminodiphenyl ether (CAS: 101-80-4)	mg/kg	Disable	Not detected	Qualified
6.17	4, V-Diaminodiphenylsulfide (CAS: 139-65-1)	mg/kg	Disable	Not detected	Qualified
6. 18	O-Toluidine (CAS: 95-53-4)	mg/kg	Disable	Not detected	Qualified
6. 19	2, 4-Diaminotoluene (CAS: 95-80-7)	mg/kg	Disable	Not detected	Qualified
6. 20	2, 4, 5-trimethylaniline (CAS: 137-17-7)	mg/kg	Disable	Not detected	Qualified
6.21	Anthranilide (CAS: 90-04-0)	mg/kg	Disable	Not detected	Qualified
6. 22	4-Aminoazobenzene (CAS: 60-09-3)	mg/kg	Disable	Not detected	Qualified
6. 23	2, 4-dimethylaniline (CAS: 95-68-1)	mg/kg	Disable	Not detected	Qualified
6. 24	2, 6-dimethylaniline (CAS: ^ 87-62-7)	/	Disable	Not detected	Qualified
7	Coliform	/	Cannot be checked out	Not detected	Qualified
8	Pseudomonas aeruginosa	/	Cannot be checked out	Not detected	Qualified
9	Golden yellow grape ball	/	Cannot be checked out	Not detected	Qualified
10	Hemolytic streptococcus	/	Cannot be checked out	Not detected	Qualified
11	Total fungal colonies	CFU/g	≤100	0	Qualified
12	Total bacterial colonies	CFU/g	≤200	0	Qualified
13	Filtration efficiency,% Saline medium, untreated	/	≥95	95.5	Qualified
14	Protective effect,% Salty medium, untreated	/	≥90	90.5	Qualified
15	Inspiratory resistance Untreated	Pa	≤175	17.6	Qualified
16	Expiratory resistance Untreated	Pa	≤145	12. 8	Qualified
Remark	1. 1. The formic acid content is less than 20mg / kg, and the test result reports "not detected". 2. The lower limit of determination of the decomposable carcinogenic aromatic amine dye is 5 mg / kg. When the lower limit is determined, the test result is "not detected".				