

# Test Report

Report No.: **QDF20-005191-02**

Sample Name: Disposable face mask with  
biomass graphene


Applicant: Shandong Shengquan New  
Materials Co., Ltd

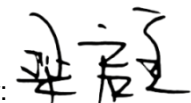
Test Type: Submitted by client




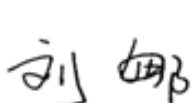
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### Test Report

Sample information	Sample name	Disposable face mask with biomass graphene	Specification type	/
	Lot No./ Date of manufacture	2020.03.05	Validity term	/
	Sample quantity	20pcs 1bag	Sample state	Flawless and perfect
	Protection effect level	/	Filter efficiency level	/
	Manufacturer	/		
Client information	Applicant	Shandong Shengquan New Materials Co., Ltd		
	Applicant address	Industry Development Zones, Diaozhen Town, Zhangqiu, Shandong		
Test information	Sample Receiving Date	2020-03-09	Test Period Date	2020-03-09~2020-03-12
	Sample No.	QDF20-005191.001	Test environment	Meet requirement
	Test items	See below pages		
	Testing Accordance	GB/T 32610-2016		
Test conclusion	This report only provides the test results and individual judgment, conclusion please see follow pages. <div style="text-align: right;">  <p>Issue date: 2020-03-13</p> </div>			
Remark	THIS REPORT IS THE ENGLISH VERSION OF THE TEST REPORT NO. QDF20-005191-01 DATE: 2020-03-12. THE CHINESE VERSION SHALL PREVAIL IN CASE OF DISCREPANCY BETWEEN THE ENGLISH VERSION AND THE CHINESE VERSION, AND JUST FOR INTERNAL REFERENCE.			

Approver:   
 Date: 2020/03/13

Auditor:   
 Date: 2020/03/13

Compiler:   
 Date: 2020/03/13

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## Test Results

Test Items	Unit	Test Method	Test Result	Requirement	Individual Judgment
The banned azo colourants	mg/kg	GB/T 17592-2011	MDL:5 mg/kg Not detected/ See appendix 1 for details	prohibition	Pass

### Sample Photo



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**Appendix 1: The banned azo colourants** (GB/T 17592-2011)

No.	Test Items	Test Result/ mg/kg	No.	Test Items	Test Result/ mg/kg
1	4-Aminobiphenyl / Biphenyl-4-ylamine	Not detected	13	3,3'-Dimethyl-4,4'- diaminodiphenylmethane / 4,4'-methylenedi-o- toluidine	Not detected
2	Benzidine	Not detected	14	p-cresidine/ 6-methoxy- m-toluidine	Not detected
3	4-chloro-o-toluidine	Not detected	15	4,4'-methylene-bis-(2- chloroaniline)/ 2,2'-dichloro- 4,4'methylene-dianiline	Not detected
4	2-naphthylamine	Not detected	16	4,4'-oxydianiline	Not detected
5	o-aminoazotoluene/ 4-o- tolylazo-o-toluidine/4- amino-2',3- dimethylazobenzene	Not detected	17	4,4'-thiodianiline	Not detected
6	5-nitro-o-toluidine / 2- Amino-4-nitrotoluene	Not detected	18	o-toluidine/ 2- aminotoluene	Not detected
7	p-chloranilin/ 4- chloroaniline	Not detected	19	4-methyl-m- phenylenediamine / 2,4- Toluylenediamine	Not detected
8	4-methoxy-m- phenylenediamine / 2,4- Diaminoanisole	Not detected	20	2,4,5-trimethylaniline	Not detected
9	4,4'- diaminodiphenylmethane / 4,4'-methylenedianiline	Not detected	21	O-Anisidine/ 2- methoxyaniline	Not detected
10	3,3'-dichlorobenzidine/ 3,3'dichlorobiphenyl-4,4'- ylenediamine	Not detected	22	2,4-Xylidine	Not detected
11	3,3'-dimethoxybenzidine/ o-dianisidine	Not detected	23	2,6-Xylidine	Not detected
12	3,3'-dimethylbenzidine/ 4,4'-bi-o-Tolyidine	Not detected	24	4-aminoazobenzene/ p- phenylazoaniline	Not detected

\*\*\*End of Report\*\*\*

# Statement

1. The report is considered invalidated in one or more of the following conditions: no approval signature; no testing seal of SGS; no cross-page seal; altered; a copy without the red testing seal of SGS.
2. Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.
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5. Should you have any queries or objection to the test report, please contact us within 15 days after receiving the report.

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