



# Test Report

Report No. A2200039010101

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**Applicant** CHAOZHOU CHAOAN JIAHE MEDICALEQUIPMENT CO.,LTD  
**Address** SHIDINGGOU NEW DISTRICT,NO 4 GUOLONG VILLAGE,ANBU TOWN,CHAOAN DISTRICT,CHAOZHOU CITY,GUANGDONG,CHINA

**The following sample(s) and sample information(s) was/were submitted and identified by/on the behalf of the client.**

Sample Name	Non woven mask
Material composition	Non Woven
Branding	JIAYI
P.O.No./Order No.	200301
Sample Received Date	Mar. 6, 2020
Testing Period	Mar. 6, 2020 to Mar. 17, 2020

**Test Conducted:**

As requested by the applicant, for details refer to next page(s)



*Stephen Chen*

Stephen Chen  
Lab authorized signatory  
Mar. 17, 2020

*Kathy Zhou*

Kathy Zhou  
Lab authorized signatory

*Sun Yu*

Sun Yu  
Lab authorized signatory  
No. S385536948

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District,  
Shenzhen City, Guangdong Province, P.R. China

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**Part 1:**

<b>Summary of Test Result(s)</b>		
<b>Test Item(s)</b>	<b>Test Standard</b>	<b>Test Result/Conclusion</b>
Appearance	GB/T 32610-2016	PASS
Color Fastness to Rubbing	GB/T 29865-2013	PASS
Formaldehyde	GB/T 2912.1-2009	PASS
pH value	GB/T 7573-2009	PASS
AZO Colorants	GB/T 17592-2011/ GB/T 23344-2009	PASS
Tensile Strength of the Face Mask Ear Loop and the Joint between Face Mask Ear Loop and Mask Body	GB/T 13773.2-2008	PASS

<b>Test Request</b>	GB/T 32610-2016
*****For Further Details, Please Refer to the Following Page(s) *****	



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Tests Conducted (As Requested by the Client)

## 1 Appearance(GB/T 32610-2016)

Tested Item(s)	Test Result	Standard Requirement
	001	
Appearance	No defects	No damage on the surface, no oil stains, no deformation and no other obvious defects

## 2 Color Fastness to Rubbing (GB/T 29865-2013)

Tested Item(s)	Test Result (Grade)	Standard Requirement (Grade)
	002	
Dry	4-5Grade	≥4Grade

## 3 Formaldehyde (GB/T 2912.1-2009)

Tested Item(s)	Test Result (mg/kg)				MDL (mg/kg)	Standard Requirement (mg/kg)
	002	003	004	005		
Formaldehyde	N.D.	N.D.	N.D.	N.D.	20	≤20

## 4 pH-Value(GB/T 7573-2009)

Tested Item(s)	Test Result	Standard Requirement
	004	
pH value	6.4	4.0~8.5

Remark: 1.Temperature of extracting solution: 20℃  
 2.Extracting solution used: 0.1mol/L KCL  
 3.pH-Value of 0.1mol/L KCL: 5.7

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## 5 AZO Colorants (GB/T 17592-2011/ GB/T 23344-2009)

Code	Tested Item(s)	CAS No.	Test Result (mg/kg)	MDL (mg/kg)	Standard Requirement (mg/kg)
			002		
1	4-aminobiphenyl	92-67-1	N.D.	5	≤20
2	Benzidine	92-87-5	N.D.	5	≤20
3	4-chloro-o-toluidine	95-69-2	N.D.	5	≤20
4	2-naphthylamine	91-59-8	N.D.	5	≤20
5	o-aminoazotoluene	97-56-3	N.D.	5	≤20
6	5-nitro-o-toluidine	99-55-8	N.D.	5	≤20
7	4-chloroaniline	106-47-8	N.D.	5	≤20
8	2,4-diaminoanisole	615-05-4	N.D.	5	≤20
9	4,4'- Diaminodiphenylmethane	101-77-9	N.D.	5	≤20
10	3,3'-dichlorobenzidine	91-94-1	N.D.	5	≤20
11	3,3'-dimethoxybenzidine	119-90-4	N.D.	5	≤20
12	3,3'-dimethylbenzidine	119-93-7	N.D.	5	≤20
13	4,4'-methylenedi-o-toluidine	838-88-0	N.D.	5	≤20
14	6-methoxy-m-toluidine	120-71-8	N.D.	5	≤20
15	4,4'-methylene-bis-(2-chloro-aniline )	101-14-4	N.D.	5	≤20
16	4,4'-oxydianiline	101-80-4	N.D.	5	≤20
17	4,4'-thiodianiline	139-65-1	N.D.	5	≤20
18	o-Toluidine	95-53-4	N.D.	5	≤20
19	2,4-diaminotoluene	95-80-7	N.D.	5	≤20
20	2,4,5-trimethylaniline	137-17-7	N.D.	5	≤20
21	2-methoxyaniline	90-04-0	N.D.	5	≤20
22	4-aminoazobenzene	60-09-3	N.D.	5	≤20
23	2,4-xylidine	95-68-1	N.D.	5	≤20
24	2,6-xylidine	87-62-7	N.D.	5	≤20

Remark: -MDL = Method Detection Limit  
 -N.D. = Not Detected (<MDL)  
 -mg/kg = ppm = parts per million

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**6 Tensile Strength of the Face Mask Ear Loop and the Joint between Face Mask Ear Loop and Mask Body(GB/T 13773.2-2008)**

Tested Item(s)	Test Result	Standard Requirement
	001	
Tensile strength	31.9N	≥20N

**Tested Sample/Part Description**

- 001 Light blue mask
- 002 Light blue non-woven fabric(shell)
- 003 White non-woven fabric(interlayer)
- 004 White non-woven fabric(face contact)
- 005 White string(rope hanging ears)

**Photo(s) of the sample(s)**



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**Part 2:**

CTI Sample No.	HAM01666001
Test Item(s)	Coliform bacteria, Pseudomonas aeruginosa, Staphylococcus aureus, Streptococcus hemolyticus, Total fungal count etc. 6 items
Test Standards	GB/T 32610-2016 Technical specification of daily protective mask
Test Conclusion	The following tested item(s) of sample(s) MEET the requirement(s) specified in GB/T 32610-2016 Technical specification of daily protective mask.

**Test Result(s):**

No.	Test Item(s)	Unit	Test Result	DL	Limit	Conclusion	Test Method
1	Coliform bacteria	/	Absent	/	Absent	Pass	GB 15979-2002
2	Pseudomonas aeruginosa	/	Absent	/	Absent	Pass	GB 15979-2002
3	Staphylococcus aureus	/	Absent	/	Absent	Pass	GB 15979-2002
4	Streptococcus hemolyticus	/	Absent	/	Absent	Pass	GB 15979-2002
5	Total fungal count	CFU/g	<20	/	≤100	Pass	GB 15979-2002
6	Total Bacterial Count	CFU/g	<20	/	≤200	Pass	GB 15979-2002

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

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