

Test Report

Report No.: CTT2303060940EN

Page 1 of 5

Applicant: Qingdao Jaroll Sanitary Products Co., Ltd

Address: Xinyi Industrial Park, No. 1179, Lingang Road, Huangdao District, Qingdao, Shandong Province

Sample Received Date: Mar. 23, 2023

Completed Date: Mar. 27, 2023

Report Date: Mar. 28, 2023

The following merchandise was (were) submitted and identified on behalf of the applicant as:

Sample Name: Jaroll spunlace non-woven fabric

Test Result(s): Please refer to next page(s).

Test Requested and Conclusion(s):

No.	Standard and Requirement	Conclusion(s)
1	GB/T 40276-2021/GB 18401-2010: Peculiar odor	PASS
2	GB/T 40276-2021: Colour Fastness to water	PASS
3	GB/T 40276-2021: Colorfastness to Perspiration	PASS
4	GB/T 40276-2021: Colour fastness to rubbing	PASS
5	GB/T 40276-2021: Colour Fastness to saliva	PASS
6	GB/T 40276-2021 Soft nonwoven towels - pH Value	PASS
7	GB/T 40276-2021 Soft nonwoven towels - Formaldehyde	PASS
8	GB/T 40276-2021 Soft nonwoven towels - Azo Dyes	PASS

Prepared by: Xuan Lin WuChecked by: Wangjiong Li

Joey Lin

Signed for and on Behalf of CTT:

Ramon. Zhong

Ramon . Zhong
Technical Manager

Verification Report

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "m" means they are not accredited by CMA, "s" means the item of subcontractor.

Fujian Consumer Testing
Technology Co., Ltd.NO.4, Chongmin street Qingmeng Economic and Technological Industrial Development Park, Quanzhou, Fujian, China
Tel: 86-0595-6809 9099 Fax: 0595-6829 6699 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com

Test Report

Report No.: CTT2303060940EN

Page 2 of 5

Test Result(s):

Material No.	Test Items	Test Method	Technical requirements (GB/T 40276-2021)		Results	Conclusion
1	Peculiar odor	GB 18401-2010 Clause 6.7	No Peculiar odor		No Peculiar odor	PASS
1	Colour fastness to Water / Grade	GB/T 5713-2013	Colour change		≥4	4-5
			Colour stain on	Wool	≥4	4-5
				Viscose	≥4	4-5
1	Colour fastness to Perspiration / Grade	GB/T 3922-2013	Acid(colour change)		≥4	4-5
			Acid (colour stain on)	Wool	≥4	4-5
				Viscose	≥4	4-5
			Alkaline(colour change)		≥4	4-5
			Alkaline (colour stain on)	Wool	≥4	4-5
				Viscose	≥4	4-5
1	Colour fastness to rubbing / Grade	GB/T 3920-2008	Length	Dry(Colour Staining)	≥4	4-5
				Wet(Colour Staining)	≥4	4
1	Colour fastness to saliva / Grade	GB/T 18886-2019	Colour change		≥4	4-5
			Colour stain on	Wool	≥4	4-5
				Viscose	≥4	4-5

Note:

Explanation of Colour fastness Results

- Grade 5 Negligible or no change or staining
- Grade 4 Slightly changed or stained
- Grade 3 Noticeably changed or stained
- Grade 2 Considerably changed or stained
- Grade 1 Much changed or heavily stained

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "m" means they are not accredited by CMA. "s" means the item of subcontractor.

Fujian Consumer Testing
Technology Co., Ltd.

NO.4, Chongmin street Qingmeng Economic and Technological Industrial Development Park ,Quanzhou, Fujian, China
Tel: 86-0595-6809 9099 Fax: 0595-6829 6699 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com



Test Report

Report No.: CTT2303060940EN

Page 3 of 5

Test Result(s):

pH Value - GB/T 40276-2021 Soft nonwoven towels

Method: GB/T 7573-2009, analyzed by pH meter.

Substances	pH value	Conclusion
CAS No.	--	
Limit	4.0-7.5	
Material No.	Result	
1	6.6	PASS

Formaldehyde - GB/T 40276-2021 Soft nonwoven towels

Method: GB/T 2912.1-2009, analyzed by UV Spectrophotometer (UV) .

Substances	Formaldehyde	Conclusion
CAS No.	50-00-0	
Reporting Limit (mg/kg)	20	
Limit (mg/kg)	20	
Material No.	Result (mg/kg)	
1	N.D.	PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "m" means they are not accredited by CMA. "s" means the item of subcontractor.

Fujian Consumer Testing
Technology Co., Ltd.

NO.4, Chongmin street Qingmeng Economic and Technological Industrial Development Park, Quanzhou, Fujian, China
Tel: 86-0595-6809 9099 Fax: 0595-6829 6699 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com



Test Report

Report No.: CTT2303060940EN

Page 4 of 5

Test Result(s):

Azo Dyes - GB/T 40276-2021 Soft nonwoven towels

Method: GB/T 17592-2011 & GB/T 23344-2009, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS).

No.	Substances Name	CAS No.	Limit (mg/kg)	Reporting Limit (mg/kg)	Result (mg/kg)
					1
1	4-Aminobiphenyl	92-67-1	20	5	N.D.
2	Benzidine	92-87-5	20	5	N.D.
3	4-Chloro-o-toluidine	95-69-2	20	5	N.D.
4	2-Naphthylamine	91-59-8	20	5	N.D.
5	o-Aminoazotoluene	97-56-3	20	5	N.D.
6	5-Nitro-o-toluidine	99-55-8	20	5	N.D.
7	p-Chloroaniline	106-47-8	20	5	N.D.
8	2,4-Diaminoanisole	615-05-4	20	5	N.D.
9	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	20	5	N.D.
10	3,3'-Dichlorobenzidine	91-94-1	20	5	N.D.
11	3,3'-Dimethoxybenzidine	119-90-4	20	5	N.D.
12	3,3'-Dimethylbenzidine	119-93-7	20	5	N.D.
13	3,3'-Dimethyl-4,4'-diaminobiphenylmethane	838-88-0	20	5	N.D.
14	p-Cresidine	120-71-8	20	5	N.D.
15	4,4'-Methylene-bis-(2-chloroaniline)	101-14-4	20	5	N.D.
16	4,4'-Oxydianiline	101-80-4	20	5	N.D.
17	4,4'-Thiodianiline	139-65-1	20	5	N.D.
18	o-Toluidine	95-53-4	20	5	N.D.
19	2,4-Toluylenediamine	95-80-7	20	5	N.D.
20	2,4,5-Trimethylaniline	137-17-7	20	5	N.D.
21	o-Anisidine	90-04-0	20	5	N.D.
22	4-Aminoazobenzene	60-09-3	20	5	N.D.
23	2,4-Xylidine	95-68-1	20	5	N.D.
24	2,6-Xylidine	87-62-7	20	5	N.D.
Conclusion					PASS

- NOTE:**
1. mg/kg = milligram per kilogram (ppm).
 2. N.D. = Not Detected (Less than Reporting Limit).
 3. The CAS No. 97-56-3 (No.5) and 99-55-8 (No.6) are further reduced to CAS No.95-53-4 (No.18) and 95-80-7(No.19).

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "m" means they are not accredited by CMA. "s" means the item of subcontractor.

Fujian Consumer Testing
Technology Co., Ltd.

NO.4, Chongmin street Qingmeng Economic and Technological Industrial Development Park, Quanzhou, Fujian, China
Tel: 86-0595-6809 9099 Fax: 0595-6829 6699 Hot Line: 400 6789 666
Website: <http://www.cttlab.com> Email: enquiry@cttlab.com



Test Report

Report No.: CTT2303060940EN

Page 5 of 5

Test Material List

Material No.	Sample Description	Location
1	Gray non-woven	Individual

Photo of Sample:

End of Report

This test report is issued by the company subject to its General Conditions of Services and accessible at <http://www.cttlab.com/order/202103190908290166.pdf>. The sample is provided by the applicant, our company is not responsible for the integrity, authenticity and identification information of the sample. Unless otherwise stated the results shown in this report only apply to the sample as received. Without prior written permission of the company, this test report cannot be reproduced, except in full. Any inquiry about this report, please raise from the date of receipt of the report within 30 days, overdue will not be accept. Items marked with "n" means they are not accredited by CNAS (if with CNAS logo), "m" means they are not accredited by CMA. "s" means the item of subcontractor.

