



THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION

CENTRE OF EXCELLENCE FOR MEDICAL TEXTILES
Physical, Chemical & Biological Testing Laboratories

(ISO/IEC 17025 NABL ACCREDITED)

13/37, Avinashi Road, Aerodrome Post, Coimbatore - 641 014, INDIA



Cert. Number:TC-6944

TEST REPORT

XXVII / P / E / 14618 / 20

ULR: TC694420600006983F

To

Genus Apparels Ltd

14/4 Milestone, Old Sher Shah Suri Marg,
Mathura road, Village Atmadpur, Near SFL Mall,
Faridabad, Haryana, India

Pincode : 121004

Contact No(s) : 09650596319

Email : rahul.mehta@genusapparels.com

Inward / Report No : P2009316

Inward Date : 09-12-2020

Report Date : 10-12-2020

Dear Sir / Madam,

This has reference to the sample(s) submitted by you for testing vide your letter reference no : **LETTER DT 03.12.2020.**

The results pertaining to your sample(s) are enclosed herewith.

REF:012025789174,DT 03.12.2020,RS 8850

Encl : Bill (T-COE-2021-12258)

This is a computer generated report, hence does not require signature.

IMPORTANT

This report is strictly CONFIDENTIAL. Its use for publicity, arbitration or as evidence in legal disputes is forbidden. Reference of sample(s) given by the party. Samples are not drawn by the laboratory. The above results are related to the samples tested. The report shall not be reproduced except in full, without the written approval of the laboratory. Authenticity of the report may be verified from our website www.lab.sitraonline.org.



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Cert. Number:TC-6944

Genus Apparels Ltd, Ref : LETTER DT 03.12.2020

ULR: TC694420600006983F

(Sample Tested at : R.H.65% +/- 2% and Temp. 21 Degree C +/- 1 Degree C)

Particulate Filtration Efficiency at 0.3 Microns ASTM F2299/F2299M-03 : 2017	P2009316-1 Described by the Customer : G99 5 PLY COTTON JERSEY FACE MASK
Percentage	97.77

Particulate Filtration Efficiency Test

Test Side : Face Side (Outside)

Area Tested : 33.17cm²

Particle Size : 0.3µm

Laboratory Condition : 21°C, 50%RH

- End of Report -



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Cert. Number:TC-6944

TEST REPORT

XXVII / A / E / 11613 / 20

ULR: TC694420010000154P

To

Genus Apparels Ltd

14/4 Milestone, Old Sher Shah Suri Marg,
Mathura road, Village Atmadpur, near SFL Mall,
Faridabad, Haryana, India
Pincode : 121004
Contact No(s) : 09650596319

Test Report No : **O2000182**

Sample Received On : **04-07-2020**

Inward Date : **04-07-2020**

Report Date: **13-07-2020**

Dear Sir / Madam,

This has reference to the sample(s) submitted by you for testing vide your letter reference no :
Letter dt 01.07.2020.

The results pertaining to your sample(s) are enclosed herewith.

Encl : Bill

This is a computer generated report, hence does not require signature.

IMPORTANT

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Cert. Number:TC-6944

Test Report No : O2000182

ULR: TC694420010000154P

Report Date : 13-07-2020

Genus Apparels Ltd

Ref : Letter dt 01.07.2020

Breathability - Differential pressure-IS 16289** <i>IS 16289:2014 Annexure C</i>	O2000182-1 <u>Sample Particulars : Face mask sample</u>
Pa/cm ²	28

Splash Resistance-ASTM F1862 <i>ASTM F1862/F1862M-13</i>	O2000182-1 <u>Sample Particulars : Face mask sample</u>
Result at 160mmHg	PASS

Particulate Filtration Efficiency at 0.3Microns-A <i>ASTM F2299/F2299M-03 (2010)</i>	O2000182-1 <u>Sample Particulars : Face mask sample</u>
Percentage	92.67
Particulate Filtration Efficiency Test	
Test Side : Face Side (Outside)	
Area Tested : 33.17cm ²	
Particle Size : 0.3µm	
Laboratory Condition : 21°C, 50%RH	

ASTM F 2101 Bacterial filtration efficiency	O2000182-1 <u>Sample Particulars : Face mask sample</u>
Test Condition[s]	.
Test organisms used	<i>Staphylococcus aureus</i> ATCC 6538
Inoculum size	5 x 10 ⁵ CFU/mL
Media used	Tryptic soya agar
Dilution medium used	Peptone water
Incubation conditions	37 ⁰ C for 24 h
Results	.
Area of test specimen exposed	Face Mask 10 x 10 cm
Sample exposure side	Face side
Flow rate of aerosol	28.5 L / min
Mean particle size of challenging aerosol	3.0 ± 0.3 micron
Average plate count of positive control	2921
Average plate count of negative control	0
BFE of test specimen (%)	98.7
The sample showed 98.7 % bacterial filtration efficiency against <i>Staphylococcus aureus</i> ATCC 6538 when tested according to ASTM F 2101 test method.	

** Test(s) not covered under NABL Scope.

- End of Report -

(This is a computer generated report, hence does not require signature.)