

**A. NABL ACCREDITED LABORATORIES FOR TESTING OF MASKS (PROTECTIVE PROPERTIES / REQUIREMENTS)**

S. No.	Standard	Product	Test in NABL Accredited Scope	Laboratory	Address	STATE	Phone No. Email	Contact Person
1	BS EN 149 BS EN 136 BS EN 140	Respiratory protective devices (Masks)	Visual inspection, Packaging, Material, Finish of parts, Demountable parts, Flammability, Cleaning and disinfecting, Head harness, Connector Inhalation valves and exhalation valves, Compatibility with skin, Carbon dioxide content of the inhalation air, Breathing resistance, Inward leakage, Field of vision, Practical performance, Speech diaphragm, Resistance to temperature, Leak tightness, Eyepieces/visor,	SGS India Private Limited, Testing Laboratory – Consumer and Retail	28 B/1 (SP), 28 B/2 (SP), Second Main Road, Ambattur Industrial Estate, Chennai	Tamil Nadu	98408 30473 8754420193  anitha.jeyaraj@sgs.com	Ms. Anitha Jeyaraj
2	ISO 22609 ASTM F 1862 IS 16289 Annex D	Medical face mask / Surgical face masks	Resistance against penetration by Splash of synthetic blood	Eurofins Product Testing India Pvt. Ltd.	No. 16C, Ramraj Nagar, 80 Feet Road, Tirupur		9513779701 91-4214579701  ArasuMA@eurofins.com	Mr.Arasu Ma
	EN 14683 Annex C IS 16289 Annex C	Medical face mask/ Surgical face mask	Breathability					

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3	ASTM F1862,  IS 16289 Annexure D,	Medical Textile-Face Mask	Resistance to Penetration by Synthetic Blood	The South India Textile Research Association (SITRA)	13/37, Avinashi Road, Coimbatore.	Tamil Nadu	0422 4215349, 4215303  <a href="mailto:ssk@sitra.org.in">ssk@sitra.org.in</a> <a href="mailto:sitrameditech@sitra.org.in">sitrameditech@sitra.org.in</a>	Mr.S.Sivakumar
	ISO 11737-1	Medical Textile-Fabric	Population of microorganisms (Facultative, non fastidious Aerobic bacteria, yeast and moulds)					
	IS 16288	Medical Textile-Face Mask	Evaluation of the Bacterial Filtration Efficiency of Surgical Face Masks.					
	ASTM F2101	Medical Textile-Face Mask	Evaluation of the Bacterial Filtration Efficiency of Surgical Face Masks.					
	ASTM F2299 IS 16289 Annexure E	Medical Textile-Face Mask	Initial efficiency of materials used in medical face masks to penetration by particulates using latex spheres					
4	BS EN 14683 IS 16288 ASTM F2101	Surgical Mask	Bacterial Filtration efficiency	Spectro Analytical Labs Limited	E-41, Okhla Industrial Area, Phase-II	Delhi	9873001501 <a href="mailto:umesh@spectro.in">umesh@spectro.in</a>	Mr.Wajahat Ali Khan
	BS EN 14683 (AnnexureD) EN ISO 11737 (P-1)	Surgical Mask	Microbial cleanliness					
	ASTM F1862 IS 16289 (Annexure-D) ISO 22609	Surgical Mask	Splash resistance					
	BS EN 14683 Annex C, IS 16289 (Annexure-C)	Surgical Mask	Determination of breathability (differential pressure)					

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5	ASTM F2101 Bacterial Filtration Efficiency	Medical Face Mask	Bacterial Filtration Efficiency	Test Master	A-36 Shakti Vihar, Geeta Mandir Road, Mohan Garden, Uttam Nagar, New Delhi	Delhi	9811938703 filtertestlab1@gmail.com	R P Saxena
	EN 14683 IS 16289		Breathability/Differential pressure					
	ASTM F2299 IS 16289		Particulate filtration efficiency					
	ASTM F1862 IS 16289		Resistance to penetration blood					
	IS 9473 BS EN 149		Air flow resistance/Breathing resistance of the valved and valve less filtering mask, Carbon die oxide content of the Inhalation air, Cleaning and isinfecting, Clogging test: Coal dust, Clogging test:Dolomite dust, Flammability test, Inhalation and Exhalation valve leakage, Material specified performance test, Packing material, Particulate filter efficiency, The Field of vision, Total inward leakage test: Exhalation valve leakage, Total inward leakage test: Face seal leakage, Total inward leakage test:Filter penetration, Visual inspection					

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6	IS 16289 Annex C, BSEN 14683 Annex C	Mask	Breathability Test (Differential pressure)	Intertek India Private Limited	290, Udyog Vihar, Phase-II, Gurgaon	Haryana	9867672345  Narayan.borade@intertek.com	Narayan Borade
	ASTM F2299		Initial Efficiency to Penetration by Particulates					
	ISO 22609 ASTM F1862		Resistance to penetration by synthetic blood					
	IS 16289 Annex D		Splash Resistance Test					
	IS 16289 Annex E		Sub-Micron Particulate Filtration Efficiency					
	BS EN 14683 Annex B ASTM F 2101 IS 16288		Bacterial Filtration Efficiency					
	BS EN 14683 Annex D		Microbial Cleanliness					
7	ASTM F1862	Medical Textile-Face Mask	Resistance of Medical Face Masks to Penetration by Synthetic Blood	Chemical Laboratory, Small Arms Factory	Kalpi road, Kanpur	Uttar Pradesh	9617068777  amitkumaryadav.ofb@ofb.gov.in	Mr.Amit Kumar Yadav
8	EN149	Face mask	Finish of parts Flammability Practical performance	Central Institute of Plastics Engineering and Technology (CIPET)	B-25, C.N.I. Complex, Patia, Bhubaneswar	Odisha	9337476507 cipetbbsr@gmail.com	Mr.Pramod Kumar Sahoo
9	EN 14683	Face mask	Biocompatibility of medical masks, Microbial cleanliness	TUV Rheinland (India) Private Limited	Survey No 480/2, Amtz Campus, Nadupuru Village, Pedagantyada Mandal, Pragati Maidan, Vm Steel Project S.O	Andhra Pradesh	9620288833  abdulrahman.s@ind.tuv.com	Mr.Abdul Rahman Siddiqui
	IS 16289 (4.2 (i)) EN 14683 IS 16288, ASTM F 2100, ASTM F2101		Bacterial Filtration efficiency					

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10	ISO 22609 ASTM F1862 IS 16289	Medical Face Mask	Synthetic Blood Stream Penetration Resistance (Splash Resistance) Test	Protective Ensemble Division, DRDE	Jhansi Road, Gwalior	Madhya Pradesh	9977308220  garg_prabhat@yahoo.com	Mr.Prabhat Garg
11	IS 16289 Annex. D ASTM F 1862 ISO 22609	Medical Face Mask	Resistance to penetration by synthetic blood	Eskaps (India) Private Limited	30, Jawaharlal Nehru Road, Park Street, Kolkatta	West Bengal	9830921133  certification@eskaps.net	Mr.Mousumi Biswas
12	ASTM F2101 EN 14683 IS 16288	Medical Textile- Face Mask	Bacterial Filtration Efficiency(BFE) by Staphylococcus aureas challenge test	Accuprec Research Labs Pvt. Ltd.,	Opp. Zydus Pharmez, Changodar - Bavla Highway,, Ahmedabad	Gujarat	9429571239  Rina.Gokani@Accuprec.Com	Ms. Rina H. Gokani
	ISO 11737-1		Microbial cleanliness( Bioburden test)					

**B. NABL ACCREDITED LABORATORIES FOR TESTING OF MASK (BIOBURDEN / STERILITY)**

<b>S. NO.</b>	<b>Test in NABL Accredited Scope</b>	<b>Laboratory</b>	<b>Address</b>	<b>State</b>	<b>Phone no.</b>	<b>Email</b>	<b>Contact person</b>
1	Bioburden, Sterility	Standards Environmental & Analytical Laboratories	K. J. Tower, Pathalam, Udyogamandal P.O., Ernakulam	Kerala	9387272402	sealab@gmail.com	Laiju P N