

**List of Academic Institutions (Laboratories present in Academic Institutions) and Private Laboratories providing Analytical services for R&D**

**ANALYTICAL SERVICES FOR R&D**

Service Type	Service Type	Types of Services Provided	Name of the Institution / Company	Contact Details	Zone
Analytics Services	Chromatography	Aarti Research and Technology Centre Impurity Profile Determination by HPLC, UPLC and GC Impurity Characterization by LC-MS and GC-MS Impurity Isolation by Flash Chromatography and Preparative Chromatography Estimation of Anion and Cation by Ion Chromatography Estimation of Elemental Impurities by ICP-MS Particle Size Distribution, Particle Bulk	Aarti Industries Ltd.	email id: <a href="mailto:priyanka.gajbhiye@aarti-industries.com">priyanka.gajbhiye@aarti-industries.com</a> Contact No. 8097433325	West

		Density and Tap Density Analysis			
Analytics Services	Chromatography	Analytical testing Elemental analysis as per ICH	Dokimes Life Science Private Limited	<a href="https://dokimes.in/">https://dokimes.in/</a> +91 70459 93612	West
Analytics Services		Analytical testing for Extractables/Leachables	GVS Cibatech Pvt. Ltd, A wing, BTM Compound, LBS Marg, Bhandup (West), Mumbai 400 078	<a href="https://www.cibatech.com/">https://www.cibatech.com/</a> <a href="https://www.cibatech.com/safety-analytical-testing/extractables-leachables.aspx">https://www.cibatech.com/safety-analytical-testing/extractables-leachables.aspx</a>	West
Analytics Services		Analytical testing Water/ HPLC/ BOD	Merieuxnutrisciences MicroChem Silliker Pvt. Ltd.	<a href="https://www.merieuxnutrisciences.com/in/">https://www.merieuxnutrisciences.com/in/</a> +918657683690	West
Analytics Services		1. Elemental Analysis-AAS and ICP-MS 2. Optical rotation - polarimeter. 3. Electron	Precise Analytics lab	B-22 Road No-16 wagale industrial estate Thane Maharashtra. info@preciseanalytics.co.in	West

		<p>Microscope Analysis</p> <p>4. Spectral Analysis (UV/Visible; FTIR,</p> <p>5. Gas &amp; Liquid Chromatography Analysis including GC-MS, LC-MS</p>			
Analytics Services	Product Testing	<p>Analysis Services</p> <p>Chemical Analysis</p> <p>Material Testing</p> <p>Material Testing Services</p> <p>Particle Analyser Testing Laboratories</p>	Cera Lab Pvt Ltd	<p>25, Siddhapura Ind. Estate, Masrani Lane, Halav Pool, Kurla (W) - 400070</p> <p>MR. S.S.MHATRE- 022 - 25031006</p>	West
Chemical, Instrumental and Microbiological Testing and Inspection Services		<p>Analytical testing Particle Size</p>	Choksi Laboratories Ltd.	<p><u>Phone: 0260 243 3488</u></p> <p><u><a href="http://www.choksilab.com/contact.html">http://www.choksilab.com/contact.html</a></u></p>	West

Chromatography		<p>Bombay Test House provides impeccable Chemical, Instrumental and Microbiological Testing and Inspection Services in the field of Food Products, Agri Commodities, Water, Waste Water and Effluents, Ores and Minerals, Industrial Oils and Petroleum Products, Metals &amp; Alloys, Coal , Coke and Solid Fuels, Plastic, Polymer and Rubber Products, Pigments, Varnish, Resins, Glass &amp; Ink, Textiles, Dyes, Acids ,Chemical &amp; Solvents, Soaps &amp; Detergents, Cement, Concrete and Building</p>	Bombay Test House Pvt Ltd.	<p>bombaytesthouse@gmail.com bombaytesthouse.mumbai@gmail.com</p>	West
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		Materials , Gold and Silver Assaying and Hallmarking ( BIS Approved), Microbiological Analysis and Environmental Studies.			
Chromatography	Process validation	<p>1. Food ,Water and Enviromental testing</p> <p>2. Thermal Validation</p> <p>3. Hrac And clean room validation</p> <p>4. Programmable logic control and computer system validation.</p> <p>5. Gas &amp; Liquid Chromatograph y Analysis including GC-MS, LC-MS</p>	Auto cal	<p><a href="https://www.autocal.net">https://www.autocal.net</a></p> <p>Ruby Industrial Estate PCS LTD ,Navghar Vasi road (E)</p> <p>Dist Palghar PIN:410210</p> <p>Ph No-0250 2392288,2392289</p>	West

Impurity Analysis		1. Elemental Analysis 2. Speciation/Free Redical Analysis 3. Electron Microscope Analysis 4. Spectral Analysis (UV/Visible; IR, Raman, Fluorescence, NMR, Mass, Biomolecular Imager) 5. Gas & Liquid Chromatography Analysis including GC-MS, LC-MS	SAIF - Sophisticated Analytical Instrument Facility, IIT Bombay	<a href="http://www.saif.iitb.ac.in/#">http://www.saif.iitb.ac.in/#</a>  <u>How to use facility services :</u>  <a href="http://www.saif.iitb.ac.in/how%20to%20use%20facility.html">http://www.saif.iitb.ac.in/how%20to%20use%20facility.html</a>	West
Impurity Analysis		Impurity Synthesis	Cleanchem Laboratories LLP	<a href="https://www.cleanchemlab.com/0987456123">https://www.cleanchemlab.com/0987456123</a>	West
Impurity Analysis		Impurity Isolation by prep HPLC	Hemochrom / Ultrapure Analytics	<a href="http://www.ultrapureanalytics.com/">http://www.ultrapureanalytics.com/</a> +91 22 - 2895 0000	West
Impurity Analysis		Impurity Preparation	Sri Rugved Research Labs	<a href="http://srirugved.com/">http://srirugved.com/</a> <u>+91 98197 97725, +91 98202 49523</u>	West
Impurity Analysis		Impurity Isolation by prep HPLC	The Tabeta Algorithms Pvt Ltd	<a href="https://www.theta-beta.com/">https://www.theta-beta.com/</a> <u>+91 22 4978 4498</u>	West

Material Testing		<p>1. Testing of metal waste and scraps like rejected aluminum pieces, utensils, metal containers, and various other used metallic items. 2. They perform biological tests like standard plate count, coliform organisms, fecal coliforms, and E.coli, on various water sources like drinking water and swimming pool water. 3. They offer chemical testing like determining pH, total amount of suspended solids, dissolved solids, dissolved oxygen, various chemicals, etc., for a wider range of water testing. 4.</p>	<p>TTCWMA - Trans Thane Creek Waste Management Association was established at Navi Mumbai, Maharashtra</p>	<p>ttcwmamlab@gmail.com ttcwmam@sify.com</p>	<p>West</p>
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		Testing like total Kjeldahl nitrogen, electrical conductivity, determination of physical state, color, texture, etc., for various pollution and environment-related products like liquid effluents or wastewater, and solid waste.			
Microbiological Testing	Product and process testing	1. BTRA has the necessary infrastructure [sophisticated instrumentation, pilot plants and well equipped laboratories] and expertise to carry out variety of tests on fibres, yarns, fabrics (including technical textiles) to RMG and allied materials and on composites.	BTRA - THE BOMBAY TEXTILE RESEARCH ASSOCIATION	info@btraindia.com, btloffice@btraindia.com <a href="https://www.btraindia.com/contact.html">https://www.btraindia.com/contact.html</a>	West



		<p>2. It also carries out testing of auxiliaries, chemicals and dyes. Eco-testing as per eco-standards for banned chemicals are undertaken.</p> <p>3. Testing of textiles at BTRA has the additional advantage of a strong back up of specialists for consultancy.</p> <p>4. Specialized testing facilities at BTRA -Eco Lab Testing, Geotech Lab Testing, Microbiology Lab, Scanning Electron Microscope (SEM), Mechanical Lab, Soil Mechanics &amp; Asphalt Testing Lab, Defect Analysis</p>			
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Microbiological Testing		1. Elemental Analysis -ICP-MS 2. Genotoxic Impurity (Nitrosoamine) studies 3. Analytical testing for Extractables/Leachables 4. Pesticide residue analysis -LCMS-MS and GCMS-MS 5. Microbiological Testing	Doctors Analytical lab Pvt Ltd	<p style="text-align: center;"><a href="http://www.dalpl.co.in">http://www.dalpl.co.in</a> Unit-1 Doctors Analytical lab Pvt Ltd, R-809 TTC Rabale MIDC Thane Belapur road Mumbai-400701</p>	West
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Product Testing		<p>Features of Industry Affiliate Member Free CeNSE Facilities utilization worth Rs. 2 lakhs, (additional usage beyond this to be paid separately [T&amp;C Apply] )</p> <p>Facilitating interactions by hosting industry lectures at CeNSE Greater visibility and acknowledgment in published reports</p> <p>Privileged access to current research via CeNSE Annual Symposium/Seminars</p> <p>Interactions with the faculty and student community at CeNSE CeNSE Faculty and Technical Staff</p>	<p>Centre for Nano Science and Engineering (CeNSE)</p>	<p><a href="http://www.cense.iisc.ac.in/content/outreach">http://www.cense.iisc.ac.in/content/outreach</a></p>	<p>West</p>
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		<p>to Industry for interactions &amp; Industry Product - Process Safety Services for R&amp;Dvisiting CeNSE</p> <p>Possibility of M.Tech. project (choice is left to the student)</p> <p>Facilitation of Student internships / Placement (choice is left to the student)</p> <p>Industry named distinguished lectures by an International expert Industry named</p> <p>Postdoctoral fellowships</p> <p>Joint research projects, to be funded separately</p> <p>Dedicated workshop for Industry Affiliate(s), to be funded separately Any request from</p>			
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		Industry Affiliate			
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Product Testing		Institute X-ray Facility Advanced Facility for Microscopy and Microanalysis Bioimaging Facility Biosafety Level-3 containment facility Computational Facilities COSMOS: Cosmic-ray soil water content monitoring Cryogenic Facility Flow Cytometry Facility IoT Laboratory, ICWAR LCMS facility in Division of Biological Sciences Macromolecular Affinity Characterization Facility Micro and Nano Characterization Facility (MNCF) National Nanofabrication	Central Research Facilities in IISc	<a href="https://iisc.ac.in/research/central-research-facilities-in-iisc/">https://iisc.ac.in/research/central-research-facilities-in-iisc/</a>	West
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		Centre (NNfC) Nuclear Magnetic Research Sophisticated Instruments Facility (SIF) Spectroscopy and Analytical Test Facility			
Product Testing		Polyaromatic hydrocarbon testing , Gas analysis , waste characterisation	Envirocare company	<a href="http://envirocare.co.in/">http://envirocare.co.in/</a> <a href="tel:+912225838286">Tel: +91 22 2583 8286</a>	West
Product Testing		Calorific Value	Geo-Chem Laboratories Pvt. Ltd.	<a href="http://www.geochem.net.in/+912266383838">http://www.geochem.net.in/+91 22 66383838</a>	West
Product Testing		Cosmetics, personal and household care product testing	SGS lab	SGS House 4B, Adi Shankaracharya Marg, Vikhroli (West) Mumbai, Maharashtra, 400 083 India t:+91 91763 80376	West

Product Testing		TUV India service portfolio for Petroleum, Chemicals, Gas Cargo Inspection & Testing Services include: Lube Oil Testing, Petroleum Product Testing, Bunker Fuel Testing, Aviation Turbine Fuel Testing, Coolant Oil Testing, Furnace Oil Testing, Transformer Oil Testing, Natural Gases and LPG Gas Testing, Petrochemicals Testing, Water Testing.	TUV India - Petroleum, Chemical, Gases Inspection & Lab Testing Services	www.tuv-nord.com/in sdipali@tuv-nord.com	West
Safety Testing		Safety test	Intertek India Pvt. Ltd.	Phone: 022 4245 0204 <a href="https://www.intertek.com/india/">https://www.intertek.com/india/</a>	West



Spectroscopy & Chromatography		<p>1. Spectroscopy (FT-IR Spectrometer, UV-VIS-NIR Spectrophotometer, Fluorescence Spectrophotometer, Laser Raman Microscope )</p> <p>2. X-ray Diffractometer (XRD), X-ray Diffractometer-Multipurpose (XRD), X-ray Fluorescence Spectrometer, X-ray Photoelectron Spectrometer (XPS).</p> <p>3. Chromatography ( High Performance Liquid Chromatography (HPLC), Gel Permeation Chromatography (GPC), GC-MS Spectrometer</p> <p>4. Atomic Absorption Spectrophotometer (AAS), ICP-</p>	RCA Lab	<p>A-758, TTC industrial area MIDC Sector-2 Koparkhairane Thane Belapur Road Navi Mumbai-400710.</p> <p><a href="http://www.raclab.in">http://www.raclab.in</a></p> <p>022 62079999</p>	West
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		MS 5. CHNS Elemental Analyzer 6. Microbiological Testing			
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Spectroscopy & Chromatography		<p>1. Spectroscopy (FT-IR Spectrometer, UV-VIS-NIR Spectrophotometer, Fluorescence Spectrophotometer, Laser Raman Microscope )2. Magnetic Resonance (FT NMR Spectrometer, EPR Spectrometer)3. X-ray Diffractometer (XRD), X-ray Diffractometer-Multipurpose (XRD), X-ray Fluorescence Spectrometer, X-ray Photoelectron Spectrometer (XPS).4. Metallurgical Microscope with Image Analyzer5. Microscopic Techniques (Scanning Electron</p>	SAIF - Sophisticated Analytical Instrument Facility, CSIR - Central Electrochemical Research Institute, Karaikudi	<p><a href="https://www.cecri.res.in/SAIF/">https://www.cecri.res.in/SAIF/</a><a href="https://www.cecri.res.in/SAIF/facility.html">https://www.cecri.res.in/SAIF/facility.html</a><a href="https://www.cecri.res.in/SAIF/guidelines.html">https://www.cecri.res.in/SAIF/guidelines.html</a></p>	West
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		<p>Microscope (SEM), Field Emission Scanning Electron Microscope (FESEM), Transmission Electron Microscope (TEM), High Resolution TEM (HRTEM) with EDAX, High Resolution TEM (HRTEM TalosF200S), Scanning Probe Microscope (SPM), Tip Enhanced Raman Spectroscopy (TERS))6. Particle Size Analyzer (PSA)7. Chromatography ( High Performance Liquid Chromatography(HPLC), Gel Permeation Chromatography (GPC), GC-MS Spectrometer8. Temperature</p>			
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		<p>Modulated Differential Scanning Calorimetry (TMDSC). Simultaneous TGA/DTA/DSC, Auto Samplers – TGA DSC9. Atomic Absorption Spectrophotom eter (AAS)10. CHNS Elemental Analyzer11. Micro Hardness Tester</p>			
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