

Price list for AnalytiCSIR, CSIR-IHBT services

(<https://www.analyticsir.in/index>)

Sr. No.	Test Name	Instrument used	Price (INR)
1	¹ HNMR, ¹³ CNMR, DEPT (135), COSY,HSQC, HMBC, NOESY	600 MHz Nuclear Magnetic Resonance Spectrometer	Advanced mode@ contact TFM
2	2-D Electrophoresis analysis of Protein and peptides	2-D Electrophoresis System	2779
3	2D-NanoLC-MS/MS based Protein Profiling	Liquid chromatography with QTOF-Ion mobility	Advanced mode@ contact TFM
4	Alanine Aminotransferease Test by Biochemistry Analyzer	Biochemistry Analyzer	300
5	Albumin analysis by Biochemistry Analyzer	Biochemistry Analyzer	200
6	Alkaline Phosphatase Level Test by Biochemistry Analyzer	Biochemistry Analyzer	300
7	Aspartate Aminotransferase Test by Biochemistry Analyzer	Biochemistry Analyzer	300
8	Atomic Absorption Spectroscopy for quantitative determination of chemical elements	Atomic Absorption Spectrometer	Industrial 3150, Academic 1600, CSIR Labs 1250, National R&D 1600
9	Blood urea nitogen estimation by Biochemistry Analyzer	Biochemistry Analyzer	200
10	Cell Cycle analysis assay by flow cytometry on cancer cell lines at single concentration per cell line, CSIR-IHBT-1041-01	Flow cytometer	6000
11	CHNS Analyser for quantitative determination of Carbon, Hydrogen, Nitrogen and Sulphur content	CHNS Analyser	2000
12	Cholesterol analysis by Biochemistry Analyzer	Biochemistry Analyzer	200
13	Circular Dichroism Spectroscopy analysis of chiral molecules and proteins	Circular Dichroism Spectropolarimeter	445
14	Complete serum biochemistry analysis by Biochemistry Analyzer	Biochemistry Analyzer	-
15	Confocal Microscope for microscopical studies	Confocal Microscope	7969
16	Creatinine estimation by Biochemistry Analyzer	Biochemistry Analyzer	200
17	CSIR-IHBT-1016-03 (DPPH based antioxidant)	UV Visible Spectrophotometer	1500
18	CSIR-IHBT-1019-05 (DEPT,COSY, HMQC, HMBC,	600 MHz Nuclear Magnetic Resonance Spectrometer	3300

	NOESY) short run		
19	CSIR-IHBT-1025-04 (LC- MS/Ms of single peak of pure molecule)	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	2800
20	CSIR-IHBT-1032-1	EC- Meter	250
21	CSIR-IHBT-1033-01	BX53/Brightfield Microscope	437.5
22	Optical Rotation	Polarimeter	500
23	CSIR-IHBT-1039-1 (Determination of percent cytotoxicity with images and IC50 values on Caco cancer cell lines at four different concentrations)	Cytotoxicity studies	5000
24	CSIR-IHBT-1039-2 (Determination of percent cytotoxicity with images and IC50 values on Hela cancer cell lines at four different concentrations)	Cytotoxicity studies	5000
25	CSIR-IHBT-1040-1 Nutritional value	Nutritional analysis	900
26	Direct bilirubin estimation by Biochemistry Analyzer	Biochemistry Analyzer	200
27	DNA Sequencer for library preparation	DNA Sequencer	Advanced mode@ contact TFM
28	DNA Sequencer for library preparation (DNA & RNA)	DNA Sequencer	Advanced mode@ contact TFM
29	DNA Sequencing (Cost/GB data generation)	DNA Sequencer	Advanced mode@ contact TFM
30	DNA Sequencing SMRT cell	DNA Sequencer	Advanced mode@ contact TFM
31	Dynamic Light Scattering for size and surface charge measurements	Dynamic Light Scattering	1338
32	ESI-MS/MS	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	300
33	Fluorescence Spectrophotometry for excitation and emission Measurements	Fluorescence Spectrophotometer	890
34	Fourier Transform Infrared Spectrometry for vibrational analysis of compounds	Fourier Transform Infrared Spectrometer	200
35	Gas chromatography / Flame Ionization Detection of volatile organic compounds (Qualitative and Quantitative Analysis)	Gas Chromatography / Flame Ionization Detector	1400
36	Gas Chromatography / Mass spectrometry analysis of volatile	Gas Chromatography / Mass Spectrometer	2800

	organic compounds (qualitative analysis)		
37	Gas Chromatography / Mass spectrometry analysis of volatile organic compounds with Head space (qualitative analysis)	Gas Chromatography / Mass Spectrometer	3700
38	Hematology analyzer for the analysis of complete blood components (TEC, TLC, DLC, Hb, PCV)	Hematology Analyser	390
39	High Density Lipoprotein analysis by Biochemistry Analyzer	Biochemistry Analyzer	300
40	High Performance Liquid Chromatography for analysis of phytomolecules	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	3300
41	High Pressure Thin layer Liquid Chromatography for analysis of processed sample	High Performance Thin Layer Chromatography	Advanced mode@ contact TFM
42	High Pressure Thin layer Liquid Chromatography for analysis of raw sample (e.g. plant material)	High Performance Thin Layer Chromatography	Advanced mode@ contact TFM
43	LC-MS/MS based qualitative and quantitative analysis	Liquid chromatography with QTOF-Ion mobility	Advanced mode@ contact TFM
44	Liquid chromatography / High resolution mass spectrometry analysis by Electrospray Ionization (QTOF)	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	Advanced mode@ contact TFM
45	Liquid chromatography / High resolution tandem mass spectrometry analysis by Electrospray Ionization (QTOF)	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	Advanced mode@ contact TFM
46	Liquid chromatography / mass spectrometry analysis by Electrospray Ionization (Single Quad)/DAD/ELSD for quantitative analysis	Liquid chromatography / Mass spectrometer (Single Quad/DAD/ELSD)	Advanced mode@ contact TFM
47	Liquid chromatography / mass spectrometry analysis by Electrospray Ionization (Single Quad)/DAD/ELSD for qualitative study	Liquid chromatography / Mass spectrometer (Single Quad/DAD/ELSD)	2800
48	Low Density Lipoprotein analysis by Biochemistry Analyzer	Biochemistry Analyzer	300
49	Mass spectrometry analysis by Electrospray Ionization (TOF)/ Direct ESI-MS-MS	Liquid chromatography / Quadrupole Time-of-Flight Mass Spectrometer	590
50	Matrix Assisted Laser Desorption/Ionization Mass Spectrometry (MALDI-MS)	Matrix Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometer	2083

	analysis		
51	Matrix Assisted Laser Desorption/Ionization Tandem Mass Spectrometry (MALDI-MS/MS) analysis	Matrix Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometer	2083
52	Method development using Liquid Chromatography with Mass Spectrometry (Single Quad)-Electrospray Ionization /DAD/ELSD for qualitative study	Liquid chromatography / Mass spectrometer (Single Quad/DAD/ELSD)	Advanced mode@ contact TFM
53	Method development using Liquid chromatography with mass spectrometry (Single Quad)-Electrospray Ionization /DAD/ELSD for quantitative study	Liquid chromatography / Mass spectrometer (Single Quad/DAD/ELSD)	Advanced mode@ contact TFM
54	Microbial load estimation	Bio-safety Cabinet	400
55	Near Infrared spectrometry for analysis of compounds	Fourier Transform Near-Infrared Spectrometer	200
56	Nuclear Magnetic Resonance Spectrometry for ¹ H and ¹³ C NMR (in CDCl ₃ or D ₂ O)	600 MHz Nuclear Magnetic Resonance Spectrometer	1000
57	Nuclear Magnetic Resonance Spectrometry for ¹ H NMR spectrum(in CDCl ₃ or D ₂ O)	600 MHz Nuclear Magnetic Resonance spectrometer	500
58	Nuclear Magnetic Resonance Spectrometry for ¹ H NMR spectrum in solvent other than CDCl ₃ or D ₂ O	600 MHz Nuclear Magnetic Resonance Spectrometer	800
59	Nuclear Magnetic Resonance Spectrometry for ¹ H and ¹³ C NMR in solvent other than CDCl ₃ or D ₂ O	600 MHz Nuclear Magnetic Resonance Spectrometer	1400
60	pH test	pH Meter	250
61	Physiochemical properties of oil	Physiochemical properties	1000
62	Refractive Index	Refractometer	250
63	Relative density	Pycnometer	100
64	Sanger DNA Sequencer for Pasmid and Amplicon sequencing	DNA Sequencer	Advanced mode@ contact TFM
65	Scanning electron microscopy with Energy Dispersive X-ray Analysis for surface morphology Image and elemental analysis.	Scanning Electron Microscope with Energy Dispersive X-Ray Analyzer	4250
66	Sectioning of animal tissue by microtome	Microtome	41
67	Soil testing (pH, EC, O.M.%, available NPK)	pH, EC, O.M.%, NPK	2646
68	SPF-CSIR-IHBT-1026-2	UV Visible Spectrophotometer	3500
69	Total bilirubin estimation by Biochemistry Analyzer	Biochemistry Analyzer	200
70	Total protein analysis by	Biochemistry Analyzer	200

	Biochemistry Analyzer		
71	Transmission Electron Microscopy for morphological and structural analysis of materials	Transmission Electron Microscope	6988
72	Triglyceride analysis by Biochemistry Analyzer	Biochemistry Analyzer	300
73	UHPLC-MS/MS based protein and metabolite profiling	Liquid chromatography with QTOF-Ion mobility	Advanced mode@ contact TFM
74	UPLC-DAD based method development for the qualitative and quantitative analysis	Ultra performance Liquid Chromatography	Advanced mode@ contact TFM
75	UPLC-DAD based method development for the qualitative and quantitative analysis	Ultra performance Liquid Chromatography	Advanced mode@ contact TFM
76	UPLC-DAD based qualitative and quantitative analysis	Ultra performance Liquid Chromatography	2800
77	UPLC-DAD based qualitative and quantitative analysis	Ultra performance Liquid Chromatography	Advanced mode@ contact TFM
78	UV Visible spectrophotometry for Absorbance and Transmittance measurement	UV Visible Spectrophotometer	500
79	Zebrafish toxicity studies as per OECD Test guidelines 236	Zebra Fish Model	8250

*Advanced mode is a project type mode and depends upon the availability of the instruments.

**GST as per GOI will be applicable on the above prices