



COP-Analytical Facility Center

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College of Pharmacy, BELA (Ropar) Pb. 140 111

Tel: 01881-263655

Mobile: 9888775589

www.copbela.org

email:director@copbela.org



S. No	Instrument	Make and Model	Tests/Type of Experiment Performed	Price Per Sample in INR
1.	Dissolution Test Apparatus	Lab India Disso 2000	Dissolution Studies of	150.00
			<ul style="list-style-type: none"> • Tablet, • Capsule, • Extended Release Formulations • Fast Release Formulations 	250.00
2.	Dissolution Test Apparatus	Campbell Electronics	Dissolution Studies of	150.00
			<ul style="list-style-type: none"> • Tablet, • Capsule, • Extended Release Formulations • Fast Release Formulations 	250.00
3.	Diffusion cell apparatus	Orchid Scientifics	Diffusion studies	300.00
4.	Disintegration Test Apparatus	Scientific Eng.	Disintegration studies	100.00
			Enteric Tablet	200.00
5.	Uniformity of Weight or Weight Variation Test		All type of Tablet and Capsules	100.00
6.	Friabilator	Campbell electronics	Friability study	100.00
7.	Lyophilizer	Allied Frost (Macflow)	Freeze drying	800.00 up to 100ml/24hr



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8.	Brookfield Viscometer Rehometer	Brookfield	Viscosity determination of Viscous liquids, Syrup, Suspension, Emulsion, and Gel.	200.00
9.	Ostwald viscometer			150.00
10.	Sonication	Bath Sonicator	Size Reducing, Solubility etc.	100.00/hr
11.	Solubility	Bath Shaker Wrist shaker	Qualitative Solubility in five solvents.	100.00
12.	Wt/ml or Relative Density		Density of Solids & Liquids	100.00
13.	Flow properties of powder and Granules		Tapped Density, Bulk Density, Angle of Repose, Hausner's Ratio, Carr's Index	200.00
14.	Test for cosmetics			
	Cold cream			500.00
	Tooth Paste			500.00
	Lipstick			500.00
	Shampoo			500.00
	Shaving Cream			500.00
15.	Particle size by Sieving Method			100.00
16.	Particle Size by Microscopic Method			100.00



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17.	Stability Analysis		Accelerated Stability Studies	3000.00 Per product per month
18.	HPLC	Shimadzu LC20-AD	<ul style="list-style-type: none"> Qualitative and Quantitative analysis of drugs 	150 per hour
19.	UV Spectroscopy	Shimadzu 2700	<ul style="list-style-type: none"> Maxima Wavelength Determination Calibration Plots 	100.00 200.00
20.	FTIR	Bruker Alpha-E	IR Spectrum of Drugs	100.00
21.	Karl Fisher		Quantification of Water	100.00
22.	Flame photometer (No, K, Li)		Estimation of Sodium, Potassium, Lithium etc.	200.00
23.	Limit Test Arsenic, Chloride, iron, lead, Sulphate			200.00
24.	Melting Point / Boiling Point			50.00
25.	Analytical Method Validation Accuracy, Precision, LOD, LOQ, Linearity, Range, Robustness	As per protocol		5000.00
26.	Photomicroscope	Motic, Japan	Photography of thin sections from either plant drug or histology study of any organ and size & area measurement of minute granules, fibers and cells.	50.00
27.	Loss on Drying			100.00
28.	Ash Value			100.00



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29.	pH Value			50.00
30.	Refractrometer			50.00
31.	TLC			200.00
32.	BioAnalyzer* <i>*Only experimental and rodent samples will be processed.</i>	Microlab 300-Merck	Blood/Plasma/Serum estimation of: Glucose, Total cholesterol, Urea, Uric acid, Protein	100/- each
			ALT, AST, HDL cholesterol, LDL Cholesterol, Triglycerides, creatinine	200/- each
			LDH, CK-MB	700/- each
33.	Cooling Centrifuge	Remi		200.00/- sample
34.	Rotaevoprator with chiller	Hidloph		400.00/- per hr.
35.	Micro centrifuge	Remi		100.00/- sample
36.	Micro Tissue Homogeniger	Remi	Tissue homozeniger of Brain, Liver, Heart etc.	100.00 per sample
37.	ELISA		TNF α , Cytokines, Based on Method	As per Kit Rates.
38.	Vortx Shaker	Remi		100.00 per sample