



Swami Ramanand Teerth Marathwada University,

Vishnupuri, Nanded-431606

Facility available in
RUSA Centre for Herbo-Medicinal Studies

Sr. No.	Facility	Requirements on test sample (Minimum)	Charges in Rs.		
			SRTMU	Academic & Research Institutions / Universities	Private Industries/ Profit making Laboratories
1.	Herbal formulation pilot scale	1kg of sample	15,000	20,000	30,000
2.	Tablet formulation pilot scale	1kg of sample	15,000	20,000	30,000
3.	Dry powder formulation	1kg of sample	15,000	20,000	30,000
4.	Flash chromatography/ Preparative HPLC Using C ₁₈ and flash column <ul style="list-style-type: none"> ➤ Stability indicating methods ➤ Impurity profile of API ➤ Method development & Validation studies ➤ Qualitative analysis ➤ Quantitative analysis 	10g Pure drug, its Nature, Solubility, Wavelength and Polar mobile phase	4,000/- (Including solvent charge for complete study) 600/- Per Injection 800/- Per Injection	8,000/- (Including solvent charge for complete study) 600/- Per Injection 800/- Per Injection	10,000/- (Including solvent charge for complete study) 600/- Per Injection 800/- Per Injection
5.	Nano drop UV-Vis spectrophotometer <ul style="list-style-type: none"> ➤ Stability indicating methods ➤ Method 	5g Pure drug, Solubility	4,000/- (Including solvent charge for complete study)	8,000/- (Including solvent charge for complete study)	10,000/- (Including solvent charge for complete study)

	development & Validation studies ➤ Qualitative analysis ➤ Quantitative analysis		200/- Per Sample 300/- Per Sample	300/- Per Sample 400/- Per Sample	500/- Per Sample 600/- Per Sample
6.	Lyophilizer	20ml of sample	400	500	1000
7.	Flame Photometer ➤ Qualitative & Quantitative estimation of elements	5g of sample	200	300	500
8.	Dry Granulation	500g of sample	500	500	1000
9.	Wet Granulator	500g of sample	500	500	1000
10.	Fluid bed dryer	100g of sample	500	500	1000
11.	Maceration	50g of sample	500	600	800
12.	Essential oil extractor (Clevenger apparatus)	100ml of sample	400	500	800
13.	Estimation of fixed oil & fats ➤ Estimation of ash value ➤ Determination of acid value ➤ Determination of saponification value ➤ Determination of iodine value ➤ Determination of unsaponifiable value ➤ Determination of ester value	100g of sample	2000/- for all tests (200/Sample)	2000/- for all tests (200/Sample)	2000/- for all tests (200/Sample)

	<ul style="list-style-type: none"> ➤ Determination of reichert-miessel value ➤ Determination of polenski value 				
14.	Extraction with Soxhlet apparatus	100g of sample	300	400	600
15.	Pulverization	100g of sample	300	400	600
16.	Extraction and isolation of active constituents	100g of sample	5,000	10,000	15,000
17.	Microplate reader	500mg of sample	500/plate	600/plate	1000/plate
18.	Tensile tester	10g of sample	50	75	100
19.	pH & Conductivity	20ml of sample	50	75	100
20.	Digital potentiometer	20ml of sample	100	200	300
21.	M.P./ B.P apparatus	20mg or 1ml of sample	20/sample	30/sample	50/sample
22.	Spray dryer	1lit of sample	500/Sample	700/Sample	1000/Sample
23.	Multi mill	1kg of sample	500/Sample	700/Sample	1000/Sample
24	Hot Air Oven	10mg of sample	20/sample	30/sample	50/sample
25	Muffle Furnace	1mg of sample	20/sample	30/sample	50/sample
26	Water Purification	1 lit of water	50/lit	100/ lit	200/ lit
27	UV Cabinet	TLC plate	10/sample	20/sample	30/sample
28	Rota Evaporator	100mg of sample	300	400	600
29	Brookfield Viscometer	50ml of sample	100	200	300
30	Auto Karl Fisher Titrimeter	20mg or 1ml of sample	200/sample	300/sample	500/sample
31	Vaccum Tray Dryer	20ml of sample	400	500	1000
32	Hi temp Vaccum Oven	10mg of sample	20/sample	30/sample	50/sample

33	Abels Flash Point	20mg or 1ml of sample	20/sample	30/sample	50/sample
34	Abbe Refractometer	1ml of sample	20/sample	30/sample	50/sample
35	Polarimeter	20ml of sample	100	200	300
36	Centrifugation Machin	1ml of sample	20/sample	30/sample	50/sample
37	TLC Apparatus	1ml of sample	100	200	300
38	BOD Incubators	10mg or 10ml of sample	20/sample	30/sample	50/sample
39	Bulk & Tap Density	10mg of sample	20/sample	30/sample	50/sample
40	Disintegration	6 Tablets or Capsules	200	300	500
41	Friability	10 Tablets	50	75	100
42	Dissolution ➤ For 4hr ➤ For 8hr ➤ For 12hr ➤ For 24hr	6 Tablets or Capsules	100 200 300 500	200 300 500 1000	300 500 1000 2000
43	Telethermometer	1 Animal	20/sample	30/sample	50/sample
44	Tablet Coating & Polishing	100ml of sample	200/sample	300/sample	500/sample
45	Mansingh Survismeter (Surface tension & Viscosity)	10ml of sample	100	200	300
46	Glass Reactor	1kg of sample	15,000	20,000	30,000
47	Pencil Hardness Tester	10g of sample	50	75	100