भारतीय समवेत औषध संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
नहर मार्ग, जम्मू तवी–१८० ००१ (भारत)

CSIR- INDIAN INSTITUTE OF INTEGRATIVE MEDICINE
(Council of Scientific & Industrial Research)
Canal Road, Jammu-Tawi-180 001(INDIA)

PRICE LIST

ANIMAL HOUSE

S.No	Detail of Technical Services	Govt. R&D Institutions Rs.	Private R&D Institutions Rs.
A	**Rodent Carcinogenicity studies**	200000	200000
B	**Mutagenicity/ Carcinogenicity study**		
i	Bacterial Reverse mutation Test (AMES as per OECD471).*Salmonella typhimurium* TA98, TA100, TA1535, TA1537, TA102, EcoliWP2uvrA. *With and without metabolic activation system(+/- S9)*	30000	30000
ii	Mammalian cell test (CHO, L5178YTK+/- cells)).	50000	50000
C	**Invivo prediction of activity in "Hollow fiber mouse model"** **(** for Invivo evaluation of the anti cancer activity of compounds using cancer cell line in s/c,i/p transplanted hollow fibers) **Rs.200000/3 type tumor cell lines**	As per study (customized)	As per study (customized)
D	**Experimental Lab animals / Animal models for in vivo studies**		
i	RAT (Wistar) /iiim Rat (Out bred)	400	500
ii	Swiss mice /iiim Mice(out bred)	200	300
iii	Balbc Mice /iiim Mice(inbred)	300	450
iv	C57BL/6 /iiim Mice(inbred)	300	450
v	DBA2/iiim Mice (inbred)	300	450
vi	CDF1/iiim Mice(Hybrid)	300	450
vii	Guinea Pig (English) (out bred)	1000	1500
viii	Rabbit(New Zealand white) (out bred)	2000	3000
E	**Animal Product (Rodents, Rabbit etc)**		
i	Serum,	200	300
ii	plasma,	200	300
iii	RBC's,	200	300
iv	Antibody	200	300
v	Animal tissues culture etc.	200	300
F	**Identification and Diagnosis of Lab animal pathogen**	5000/sample	5000/sample

	(Bacterial, viral, Parasitic etc)		
G	**Training(2,3,6,12 month) and Skill Development**		
i	Training for Research animal attended for handling, **care of laboratory animals.**	10000/month	10000/month
ii	Students who want to learn basics of experiment on animals for their Post graduation/PhD Research programme.	10000/month	10000/month
iii	Animal cell culture techniques (**Qualification: BSc/B.Pharm/ BVSc.& AH/ equivalent)**	10000/month	10000/month
iv	Training for Scientist/Technical person for conducting In vivo studies on Rodents on GLP Mode.	10000/month	10000/month
v	Training for Technical person for Lab animal techniques, handling, their **care, Breeding, management of laboratory animals.** (Qualification : BSc or equivalent)	10000/month	10000/month

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PHARMACOLOGY

S.No	Detail of Technical service	Price (INR)	Duration
Cytotoxic activity against human cancer cell lines (Method Sulphorhodamine B Assay)			
1	Cytotoxicity against one cell line (three concentrations)	4500/- per sample	30 days
2	Cytotoxicity against 24 cell lines (three concentrations)	100,000/-per sample	30 days
3	Eight point IC50 determination against one cell line	12,000/- per sample	30 days
Price for > 50 samples (single concentration in triplicate)-INR 4,000/sample			
Human cancer cell based cell death measurements(Method: MTT or XTT Assay)			
4	< 10 samples (single concentration in triplicate against 5-7 cell lines ofvarious cancers)	12,000/sample	
5	Price for < 10 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)	22,000/sample	
6	Price for 10-50 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	11,000/sample	
7	Price for 10-50 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)-	20,000/sample	
8	Price for > 50 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	10,000/sample	
9	Price for > 50 samples (2 concentrations in triplicate against 5-7 cell lines of various cancers)-	18,000/sample	
10	IC50 Value Determination (6-8 points) per sample	INR 37,000/-	

In vivo Anticancer studies against			
11	**Ehrlich Ascites Carcinoma** in non-inbred mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
12	**Sarcoma-180 (Ascites)** in BALB/c mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
13	**Ehrlich Tumor (solid)** in non-inbred mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels)	90,000/-	30 days
14	**Sarcoma-180 (solid)** in BALB/c mice (4 groups) n=7 per group (Parameters: Per cent Tumor Growth Inhibition by one sample at two dose levels	90,000/-	30 days
15	**L1210 Lymphoid leukemia** in CDF1 mice (4 groups) n=6 per group (Parameters: Per cent increase in life span by one sample at two dose levels)	120,000/-	45 days
16	**P388 Lymphocytic leukemia** in CDF1 mice (4 groups) n=6 per (Parameters: Per cent increase in life span by one sample at two dose levels)	120,000/-	45 days
17	**4T1 mouse mammary carcinoma model for metastasis** Method: Implantation of 4T1 cells in mammary pad of BALB/c mouse (Parameters: Effect of test sample(s) on the metastatic nodule formation)	1,50,000/- per sample at two doses	45 days
18	**PC-3M-*luc2* Prostate cancer xenograft** in NOD.SCID mice (4 groups) n=6 per group	400,000/-	12 weeks
18.1 Parameters: Per cent Body wt. change Median tumor volume change		By one sample at two dose levels and by positive control at one dose level in comparison to the	

	Median tumor growth Inhibition Per cent T/C graph Tumor growth delay		
19	**HeLa-*luc* (Human adenocarcinoma of cervix) xenograft** in NOD.SCID mice (4 groups) n=6 per group Parameter same as 18.1	400,000/-	12 weeks
20	**MOLT-4-luc2 (Human lymphoblastic leukemia) xenogr** NOD.SCID mice (4 groups) n=6 per group Parameter same as 18.1	400,000/-	12 weeks
21	**MIA Pa Ca-2 (Human pancreatic carcinoma) xenograft** in NOD.SCID mice (4 groups) n=6 per group	400,000/-	12 weeks
22	**Fluorescence/confocal microscopy**	2000/- /per hour use	
23	**Scanning Electron Microscopic studies** **Parameters:** Specimen Preparation (Dehydration, critical point drying and coating) Viewing SEM Image recording Image Analysis	600/- per sample for non-biological samples 1800/- per sample for biological samples 2500/- per hour	Ten days
24	**Transmission Electron Microscopic studies** **Parameters:** Specimen Preparation (3 blocks/specimen; 2 LM slides/block; 3 grids/best 1 block and staining) Negative staining per sample Viewing (For biological samples using 120 kV TEM) TEM Image recording	Rs. 7000/- per sample Rs. 500/- per sample Rs. 3000/- per hour	Twenty days

25	**Quantitative estimation of proinflammatory cytokines TNF-α or IL-6** **Method used:** Sandwich ELISA **Brief description of the assay:** LPS induced THP1 OR J774.A1 are used to assess the effect of test compound on release of TNF-α and IL-6 into cell media.		
25.1	Price for < 10 samples (single concentration in triplicate)	1500/sample	
25.2	Price for 10-50 samples (single concentration in triplicate)	1000/sample	
25.3	Price for > 50 samples (single concentration in triplicate)	800/sample	
25.4	IC50 Value calculation (Eight points) per sample- INR	12,000/sample	
26	**NLRP3 Inflammasome inhibition against Nigericin and free ATP (adenosine triphosphate)** **Method used:** Sandwich ELISA for IL-1β **Brief description of the assay:** NLRP3 inflammasome activity will be assessed in LPS primed THP1 cells followed by activation of NLRP3 complex with Nigericin OR free ATP. The release of IL-1β into the media will be taken as a parameter for induction of NLRP3 inflammasome		
26.1	**Price** for < 10 samples (single concentration in triplicate)	2000/sample	
26.2	**Price** for 10-50 samples (single concentration in triplicate)	1800/sample	
26.3	**Price** for > 50 samples (single concentration in triplicate)	1500/sample	
26.4	IC50 Value calculation (Eight points)	16000/sample	
27	**Screening of inhibitors for histone methyltransferases Dot1 L** **Method:** Modified radioactive filter binding assay using chicken nucleosomes as substrate for the inhibition of human histone methyltrasferase (catalytic domain) Dot1L. **Parameters:** IC_{50} determination in duplicate at 10 different concentrations.	20000/- per sample	
28	**Screening of inhibitors for histone methyltransferases G9A** **Method:** Modified radioactive filter binding assay using full length recombinant H3 as substrate for the inhibition of human histone methyltrasferase (catalytic domain) G9A. **Parameters:** IC_{50} determination in duplicate at 10 different concentrations.	20000/- per sample	

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PRICE LIST

CURRENT GOOD MANUFACTURING (cGMP) PILOT PLANT

S.No	Detail of Technical service		Price (INR)	
1	Lyophilisation		11,000/- (Per batch of 52 Hr. run)	
2	Spray Drying		2,400/- (Per day of 6 Hr. run)	
Price of developing extract from Plant Material (Plant Material supplied by Vendor)				
	Rate extraction per batch of approximately 25 Kg raw material cold extraction (for single batch)		Rate extraction per batch of approximately 25 Kg raw material Hot extraction (for single batch)	
Type of Extract	**Non-GMP**		**Non-GMP**	
3	Aqueous	20,000.00	Aqueous	25,000.00
4	Hydro-alcoholic (50:50)	25,000.00	Hydro-alcoholic (50:50)	30,000.00
5	Alcoholic	30,000.00	Alcoholic	35,000.00
Type of Extract	**GMP**		**GMP**	
6	Aqueous	35,000.00	Aqueous	40,000.00
7	Hydro-alcoholic (50:50)	40,000.00	Hydro-alcoholic (50:50)	45,000.00
8	Alcoholic	45,000.00	Alcoholic	50,000.00
The base Price of Products Available in the form of Tablet, Capsule and Syrup For contract/Loan License manufacturing (API/Extract, Excipient, Filler Material etc. shall be provided by customer)				
9	Syrup (100 ML)		Rs. 22 per Bottle (minimum batch of 4000 Bottles)	
10	Capsule (500 mg)		Rs.15 per blister of 10 capsule or Rs.80 per bottles (each bottle contains 60 Capsules) (Minimum batch of 2,00,000 Capsule)	

11	Tablet (500 mg)	Rs. 4.5 per strip of 10 tablets or Rs 25per bottles (each bottle contains 60 Tablets)(Minimum batch of 2,00,000 Tablets)

Note: The whole facility (S.No.: 9-11) may also be leases to the interested party on PPP Mode for manufacturing of tablet capsule and syrup

Prices for Stabilities Studies

For New Chemical Entities (NCE) Samples

	Study Storage condition	Minimum time period covered by data at submission	Time (in months)	Amount (included analysis) Rate On the basis of time interval per sample	Concessional rate
12	Long-term	25 °C ± 2 °C/60% RH ± 5% RH or 30 °C ± 2 °C/65% RH ± 5% RH	12 or 6	2,00,000	4,00,000 Combined
13	Intermediate	30 °C ± 2 °C/65% RH ± 5% RH	6	1,50,000	
14	Accelerated	40 °C ± 2 °C/75% RH ± 5% RH	6	1,50,000	
For Marketing Samples					
15	Long-term	25 °C ± 2 °C/60% RH ± 5% RH or 30 °C ± 2 °C/65% RH ± 5% RH	12 or 6	2,00,000	3,00,000 Combined
16	Accelerated	40 °C ± 2 °C/75% RH ± 5% RH	6	1,50,000	

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PRICE LIST

FERMENTATION

Up-scaling Fermentation Facility from Laboratory scale to Pilot scale which is supported by downstream processing facility.* Following facilities are available:

1. Incubator shakers
2. Fermentation facility : 5L, 30L, 50L, 500L
3. Refrigerated centrifuge
4. Basket centrifuge
5. Sharpel centrifuge
6. Micro/ultrafiltration
7. Rotary evaporators

***Rates for availing the facility will be provided on request**

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PRICE LIST

INSTRUMENTATION

Analytical Services

S.No	Instrument	Application	Sample required	Cost of analysis (Rs.)	
				Industry and Govt. institutions	Students/ Academia
1.	HPLC (Analytical) • Agilent 1100 series with autosampler, PDA detector & column oven • Shimadzu UFLC with autosampler, PDA detector & column oven	Separation of compounds Qualitative and quantitative analysis Purity profile	Around 5mg along with solubility details. LC method if available.	Qualitative analysis with method: 2000/- per sample Qualitative analysis with method development : 4000/- per sample Quantitative analysis: 7000/-	Qualitative analysis with method: 1500/- per sample Qualitative analysis with method development : 3000/- per sample Quantitative analysis: 5000/-
2.	Preparative HPLC Waters	Separation of compounds	Solubility details with LC method.	2500/- per run	1200/- per run
3.	Gas chromatograph with FID detector Agilent 7890A	Analysis of volatile and aromatic compounds	Around 1mg Melting/ boiling point	2500/- per sample	2000/- per sample
4.	FT-IR Perkin Elmer Spectrum II	Characterisation of compounds	5-10mg	1000/- per sample	750/- per sample
5.	UV-Visible spectrophotometer	Optical absorption,	Around 5mg	500/- per sample	450/- per sample

	Shimadzu UV 2600	optical scanning			
6.	Polarimeter Perkin Elmer M240	Optical rotation	Around 5mg	500/- per sample	450/- per sample
7.	Elemental Analyser Elementar Cube	Percentage of C, H, N & S	Around 10mg	1000/- per element	750/- per element
8.	LC-Q-ToF Waters Synapt	Separation and molecular mass	1-2 mg with LC method and chromatogram	2500/- per sample	1200/- per sample
9.	High Resolution Mass spectrometer Agilent UHD 6540 LC-Q-TOF	Molecular mass up to 4^{th} decimal place	1-2 mg with LC method and chromatogram	4000/- per sample	2000/- per sample
10.	GC-MS • Varian 4000 • Agilent 7890A with HSS	Isolation of volatile and aromatic compounds	Around 1mg	4000/- per injection + Rs 200 per peak.	2000/- per sample + Rs. 200 per peak
11.	Lyophiliser Telstar LyoBeta	Freeze drying of aqueous extracts	Maximum 12 litres of aqueous extract	200/- per hour	100/- per hour
12.	Liquid nitrogen • StirLin plant • Wirac plant	Cryopreservation Cryo experiments	Liquid to be carried in user's own dewars.	50/- per litre	50/- per litre

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PRICE LIST

MICROBIAL BIOTECHNOLOGY

S. No	Service	Quantity	Price (INR)
1.	Molecular characterization of microbes (Fungi, yeasts and bacteria)	With one molecular marker With two molecular markers	5000 9000

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Microbial Biotechnology Division

Detection of following pathogens in Food and water (Rate: Rs. 1500/- per sample for each pathogen)

- *Salmonella*
- *Shigella*
- *Staphylococcus aureus*
- *E. coli*
- *Shiga-toxic E. coli*

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PRICE LIST

PK-PD-TOXICITY

S.No	Detail of Technical service	Price
Pharmacokinetic/ADME Studies		
1	Pharmacokinetics study of drugs /drug like test compounds	Rs. 50,000.00 per route ie oral,i/v and i/p)
2	Bioanalytical method development and validation study	Rs 1,00000.00
3	Protein binding	Rs. 15,000.00
4	PAMPA study	Rs. 15,000.00
5	Metabolic stability	Rs. 60,000.00
6	Organ Distribution Study	Rs. 1,25000.00
Toxicity study (Rodents, Non-GLP)		
7	Acute (14 days) Toxicity (Rat/mouse)	Rs. 50,000.00
7 (i)	Sub-acute (28 days) Toxicity (Rat/mouse)	Rs. 4,00000.00
7 (ii)	Sub-chronic (90 days) Toxicity (Rat/mouse)	Rs. 5,00000.00
7 (iii)	Chronic (180 days) Toxicity (Rat/mouse)	Rs. 10,00000.00
7 (iv)	Reproductive Toxicity Study (Rat/mouse	Rs. 5,00000.00
7 (v)	Prenatal Developmental Study (Rat/mouse)	Rs. 5,00000.00
8	Safety Pharmacology study (Rat/mouse)	Rs. 5,00000.00
Biological Evaluation Studies		
9	**Anti-inflammatory (Carrageean)**	
9 (i)	Acute Single Dose	Rs. 5000.00
9 (ii)	Multiple Doses	Rs. 10000.00
10	**Anti-arthritic Activity**	
10 (i)	Mycobacterium induced Arthritis (Three Doses)	Rs. 40,000.00
11	**Analgesic Activity**	
11 (i)	Hot Plate Method	Rs.5000.00
11 (ii)	Writhing Method	Rs. 5000.00
11 (iii)	Paw Lick Method	Rs. 5000.00
12	**Antipyretic Activity**	
12 (i)	Yeast induced Pyrexia	Rs. 5000.00
13	**Anti-ulcer Activity**	
13 (i)	Pyloric Ligation Method	Rs. 5000.00
13 (ii)	Alcohol induced Ulceration	Rs. 5000.00

13 (iii)	Drug induced Ulcer	Rs. 5000.00
14	**Anti-diabetic Activity**	
14 (i)	Acute	Rs. 5000.00
14 (ii)	Streptozatocin induced diabetes	Rs. 25,000.00
15	**Hepatoprotective Activity**	
15 (i)	Against CCl_4 (Single Dose)	Rs. 10,000.00
	Against CCl_4 (Multiple Doses)	Rs. 15,000.00
15 (ii)	Against Paracetamol (Single Dose)	Rs. 10,000.00
	Against Paracetamol (Multiple Doses)	Rs. 15,000.00
16 (iii)	Against Galactosamine (Single Dose)	Rs. 20,000.00
	Against Galactosamine (Multiple Doses)	Rs. 30,000.00
16 (iv)	Against Alcoholic Hepatitis	Rs. 50,000.00
17	Pre-clinical intravenous formulation for pharmacokinetic and other animal studies	Rs. 1,00,000.00
18	Pre-clinical oral formulations for pharmacokinetic and other animal studies	Rs. 1,00,000.00
19	Solubility determination of drug/discovery lead	Rs. 50,000.00
20	Partition coefficient determination of drug/discovery lead	Rs. 50,000.00
21	Preparation and evaluation of pre-clinical powder dosage form	Rs. 1,00,000.00
22	Preparation of pre-clinical semisolid dosage form	Rs. 1,00,000.00
23	Thermodynamic equilibrium solubility in water, PBS (pH 7.4), SGF (pH 1.2) and SIF (pH 6.8)	Rs. 10,000 per sample (sample requirement = 10 mg)
24	Solubility of compound in different co-solvents	Rs. 2,500 per co-solvent per sample
25	Determination of Log P (partition coefficient)	Rs. 2,500 per sample (sample requirement = 2.5 mg)
26	Determination of Log D (distribution coefficient)	Rs. 2,500 per sample (sample requirement = 2.5 mg)
27	Determination of pKa (dissociation constant)	Rs. 8,000 per sample (sample requirement = 2.5 mg, only ionizable compounds can be analyzed)
28	Solution state stability at physiological pH 1.2-7.4	Rs. 10,000 per sample
29	Solution state stability in biorelevant media namely SGF (pH 1.2), SIF (pH 6.8) and in plasma	Rs. 10,000 per sample
30	Formulation development botanical extracts and analysis of	Rs. 30,000 – Rs. 50,000

	developed formulations – solid dosage forms at lab scale	(may vary based on the nature of extract. The exact price will be decided after further discussion).
31	Preparation of ointments / creams and its analysis – Lab scale (up to 20 g scale)	Rs. 30,000 – Rs. 50,000 (price may vary and the exact price will be decided after further discussion)
32	**Anti Wrinkle (photoaging) activity.** Cytotoxicity/Cytotoprotection • Collagen content • Matrix Metalloproteinase (MMPs) • TGF-β • Tissue inhibitors of Metalloproteinases (TIMPs) • Hyaluronidase inhibition (Enzymatic assay) • Intracellular ROS/Oxidative stress assays • Pro-inflammatory cytokines • Anti-oxidant activity	Rs 3.5 Lacks/sample
33	**Melanogenesis process.** • Tyrosinase inhibition assay (Enzymatic) • Tyrosinase inhibition assay (Cellular) • Melanin synthesis in melanocytes • Melanocyte proliferation • Melanin synthesis pathway studies • In vivo melanin induction/inhibition studies	Rs. 5,00000.00/sample
34	**Skin Cancer Biology.** • *In vitro* anti-cancer screening studies of test substances • *In vivo* skin cancer models induced by UV – irradiation	Rs. 5,00000.00/sample
35	**Mechanistic Studies.** Exploring the mechanism of action of test substances using state of art biochemical and molecular biology techniques. (The major signaling pathways will be explored for deciphering the possible ameliorative effects of the test compounds. To delineated the molecular mechanisms involved in the UV-B -mediated inflammatory	Rs. 10,00000.00/sample

	and apoptotic response in *In vitro* and *In vivo* models, the test substances will be studied for inhibition of UV-B -mediated increase in intracellular reactive oxygen species (ROS) and down-regulation of the release of pro-inflammatory cytokines interleukin viz a viz IL-1α, IL-1β and IL-6, tumor necrosis factor (TNF)-α, and prostaglandinE2 (PGE2). The test substance mediated inhibition of UV-B -mediated activation of p38 and JNK MAP kinases, COX-2 expression and nuclear translocation of NF-κB will be sutidied. Test Sample mediated -inhibition of UV-B -induced apoptosis by attenuating cytosolic proteins to mitochondria and vice versa, thus preserving mitochondrial integrity. In In vivo models, topical application of test samples on the dorsal skin of animals exposed to UV-B -irradiation against epidermal hyperplasia, lymphocyte infiltration will be studied by histopathology. And expression of several inflammatory proteins, p38, JNK, COX-2, NF-κB, and ICAM-1 will be performed by western blotting/RT-PRCT. Based on the signaling pathways, we can decipher the mechanistic approach of a test substance that can protect against UV-B -mediated photo damage by inhibiting the signaling cascades triggered by oxidative stress, including MAPK/ NF-kB activation, as well as apoptosis.	

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PRICE LIST

QUALITY CONTROL & QUALITY ASSURANCE

Chemistry Manufacturing & Control [CMC]

S.No.	Parameters	Sample Quantity		Price per sample (in INR)
		Solid	Liquid form	
1.	Acid insoluble ash	10 gm	10 ml	500
2.	Aflatoxins	100 gm	100 ml	3000
3.	Alcohol soluble extractive	10 gm	10 ml	500
4.	Water soluble extractive	10 gm	10 ml	500
5.	Disintegration	20 gm	20 ml	500
6.	Loss on drying	10 gm	10 ml	500
7.	Microbial load	20 gm	100 ml	2600
8.	pH value	10 gm	10 ml	350
9.	Total ash	10 gm	10 ml	500
10.	Pesticides	10 gm	10 ml	7500
11.	Heavy Metals	5 gm	500 ml	4000

Analytical Services for Water and other Food Products

	Parameters	Rate per sample (Rs)
1.	pH	350
2.	Total Dissolved Solids	350
3.	Total hardness	350
4.	Alkalinity	350
5.	Spcific Gravity	350
6.	Brix value	350
7.	Calcium	350
8.	Turbidity	350
9.	Chloride	350

10.	Total Suspended solids	350
11.	Inorganic soilds	350
12.	Organic solids	350
13.	Salinity	350
14.	Acidity	500
15.	Total Ash	500
16.	Acid insoluble ash	500
17.	Iodine value	500
18.	Disintegration	500
19.	Free Fatty Acid	500
20.	Loss on drying	500
21.	Peroxide value	500
22.	Fat	650
23.	Crude Fiber	1000
24.	Reducing Sugar	1000
25.	Carbohydrate	1000
26.	Alcohol & water soluble extractive	1000
27.	COD (Chemical Oxygen Demand)	1500

Analytical Services

S. No	Instrument	Application	Sample requirement	Cost of analysis (Rs.)	
				Industry and Govt. Institutions	**Students/ Academia**
1	ICPMS	Detection of heavy metals minerals	~ 5g	Rs. 4000/- per sample (upto 4 elements) + 600/- extra for each element. Additional sample at the cost of 2500/-	2000/ per sample (upto 4 elements) + 300 extra for each element. Additional sample at the cost of 1500/-
2	HPLC (Analytical) • Shimadzu Nexera (UV and Fluorescence detector) • Shimadzu VP	Aflatoxins (G1, G2, B1 &B2) Vitamins [Water soluble vitamins] [Fat Soluble	~100 g ~50mg	3000/- per sample 4500/- per sample 3000/- per	2500/- per sample 3500/- per sample 2500/- per

		Vitamins]		sample	sample
3	GC-MS/MS Thermo Finnigan	Analysis of volatile and aromatic compounds	~ 1mg	4500/- per sample	2500/- per sample
4	GC-MS/MS Thermo Finnigan	Pesticide analysis (As per requester need as per either USFDA / EU/ Ayush requirements)	~ 1mg	6500/- per sample + 300/- per peak	4500/- per sample + 200/- per peak
5.	HPTLC CAMAG	Fingerprinting and identification	~100mg	2500/- per sample	1500/- per sample
6.	HPTLC-MS CAMAG	Fingerprinting and identification	~100mg	4000/- per sample	2000/- per sample

*** All the above rates are calculated excluding Goods and Services Tax (GST). GST is as per GOI rules**