

**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-180001(INDIA)**

**Price List**

**PLANTS SCIENCES AND AGROTECHNOLOGY DIVISION**

**Essential Oils**

<b>S. No.</b>	<b>Name of species</b>	<b>Price* (INR/kg)</b>
1.	Lemongrass	1,400
2.	<i>Artemisia annua</i>	5,000
3.	<i>Clarysage</i>	12,000
4.	<i>Geranium</i>	13,000
5.	<i>Jamrosa RRL-CN-5</i>	1,500
6.	<i>Lavender</i>	10,000
7.	<i>Lavandin</i>	3,000
8.	<i>Mentha piperita</i>	2,000
9.	<i>Monarda citriodora</i>	2,000
10.	<i>Mentha citerata</i>	2,000
11.	<i>Mentha arvensis</i>	1,000
12.	<i>Mentha longifolia</i>	1,800
13.	<i>Mentha spicata</i>	1,800
14.	<i>Origanum</i>	8,000
15.	<i>Palmrosa CK-10</i>	2,000
16.	<i>RRL-CF-100</i>	1,000
17.	<i>RRL-HSR</i>	1,000
18.	<i>RRL-HP</i>	1,000
19.	<i>Rosemary</i>	6,000
20.	<i>Tawirosa</i>	1,500
21.	<i>Tagetus</i>	5,000
22.	<i>Tulsi</i> ( <i>Ocimum sanctum</i> )	5,000
23.	<i>Tulsi</i> ( <i>Ocimumcanum</i> )	5,000
24.	<i>Tulsi (O. gratissimum) OG-14</i>	2,500
25.	<i>Tulsi (O. basilicum) Ob-15</i>	2,000
26.	<i>Java citronella</i>	1,200
27.	<i>Rose</i>	7,00,000

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**Herbal Material**

S.No	Species	Available form	Unit (kg)	Price* (in ₹)
1.	<i>Cymbopogon species</i>	Fresh herbage	1	20
2.	<i>Monarda citriodora</i>	Fresh herbage	1	50
3.	<i>Ocimum species</i> (Tulsi)	Fresh herbage	1	50
4.	<i>Mint species</i>	Fresh herbage	1	50

**Seed Material**

S.No	Species	Price* (INR/kg)
1.	<i>Abrus precatorius</i>	1,000
2.	<i>Ammi majus</i>	1,000
3.	<i>Andrographis paniculata</i>	3,000
4.	<i>Artemisia annua</i>	80,000
5.	<i>Asparagus racemorus</i>	5,000
6.	<i>Atropa acuminata</i>	4,000
7.	<i>Bhasma</i>	2,000
8.	<i>Bixa orellana</i>	5,000
9.	<i>Chirata</i>	5,000
10.	<i>Crotalaria juncea</i>	5,000
11.	<i>Grewia asiatica (Phalsa)</i>	4,000
12.	<i>Jatropha</i>	3,000
13.	<i>Matricaria chamomilla</i>	4,000
14.	<i>Monarda citriodora</i>	4,000
15.	<i>Ocimum basilicum</i>	4,000
16.	<i>Ocimum canum</i>	4,000
17.	<i>Ocimum carnosum</i>	4,000
18.	<i>Ocimum gratissimum</i>	4,000
19.	<i>Camphor basil</i>	4,000
20.	<i>Ocimum sanctum</i>	4,000
21.	<i>Rauwolfia serpentina</i>	10,000
22.	<i>Salvia officinalis</i>	4,000
23.	<i>Stevia rebaudiana</i>	12,000
24.	<i>Tagetes minuta</i>	4,000
25.	<i>Withania somnifera</i>	4,000
26.	<i>Silybum marianum (Milk thistle)</i>	4,000

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S.No	Species	Price* (INR/kg)
27.	<i>Woodfordia fruticosa</i>	4,000

**Medicinal and Aromatic plants (QPM/seedlings)**

Sl.No.	Common name	Botanical name of Species	Units (kg/ nos.)	Price* (in ₹)
1.	Japanese mint	<i>Mentha arvensis(suckers)</i>	1kg	200
2.	Bergamot mint	<i>Mentha citrata (suckers)</i>	1kg	200
3.	Peppermint	<i>Mentha piperita(runners)</i>	1kg	200
4.	AnantCarvomint	<i>Mentha longifolia(runners)</i>	1kg	200
5.	Spearmint	<i>Mentha spicata(suckers)</i>	1kg	200
6.	Patharajavayin (Mexican mint)	<i>Coleusamboinicus</i>	1	10
7.	Aloe vera	<i>Aloe vera</i>	1	15
8.	Safed Musli	<i>Chlorophytumborivillianum</i>	1	10
9.	False Daisy	<i>Ecliptaprostrata</i>	1	5
10.	Pipli	<i>Piper longum</i>	1	10
11.	Brahmi	<i>Bacopamonniari</i>	1	10
12.	Brahmi	<i>Centella asiatica</i>	1	10
13.	Sweet Flag	<i>Accoruscalamus</i>	1	10
14.	Turmeric	<i>Curcuma longa</i>	1	10
15.	Snake Plant	<i>Dracaena trifasciata</i>	1	20
16.	Rose	<i>Rosa damascena</i>	1	15
17.	Shatawer	<i>Asparagus racemosus</i>	1	10
18.	Shatawer	<i>Asparagus adscendens</i>	1	10
19.	Kalmegh	<i>Andrographis paniculata</i>	1	10
20.	Tulsi	<i>Ocimum spp.</i>	1	10
21.	Yam	<i>Dioscoreacomposita</i>	1	15
22.	Aromatic grasses (Lemongrass, Rosagrass, Java citronella etc)	<i>Cymbopogon spp.(slips)</i>	1	2
23.	Pathorchur	<i>Coleus aromatica</i>		10
24.	Ashwagandha	<i>Withaniasomnifera</i>	1	15
25.	Giloy	<i>Tinospora cordifolia</i>	1	10
26.	Jatropha	<i>Jatropha curcas</i>	1	15
27.	Phalsa	<i>Grewia asiatica</i>	1	15

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Sl.No.	Common name	Botanical name of Species	Units (kg/ nos.)	Price* (in ₹)
28.	Geranium	<i>Pelargonium Graveolens</i>	1	15
29.	Vetiver	<i>Chrysopogonzizanioides</i>	1	3
30.	Lemon Beebalm	<i>Monarda citriodora</i>	1	5
31.	All Spice	<i>Pimentadioica</i>	1	50
32.	Adusa	<i>Adhatodavasica</i>	1	10
33.	Fire flame Bush	<i>Woodfordia fruticosa</i>	1	25
34.	Ratti	<i>Abrusprecatorius</i>	1	15
35.	Crepe Ginger	<i>Costus speciosus</i>	1	15
36.	Datura	<i>Datura metel</i>	1	10
37.	Rubber Bush	<i>Calotropisprocera</i>	1	10
38.	Bhanbhindi	<i>Solanum khasianum</i>	1	15
39.	Candy leaf	<i>Stevia rebaudiana</i>	1	15
40.	Rosemary	<i>Rosmarinus officinalis</i>	1	15
41.	Sweet Wormwood	<i>Artemisia annua</i>	1	10
42.	Indian snakeroot	<i>Rauwolfiaserpentina</i>	1	10
43.	Akarkara	<i>Spilanthesacmella</i>	1	10
44.	Devil Pepper	<i>Rauvolfiatetraphylla</i>	1	10
45.	Chitrak	<i>Plumbago zeylanica</i>	1	15
46.	Chamomile	<i>Matricaria chamomilla</i>	1	10
47.	Clary sage	<i>Salvia sclarea</i>	1	15
48.	Sadabahar	<i>Catharanthusroseus</i>	1	10
49.	Milk thistle	<i>Silybummarianum</i>	1	15
50.	Touch me not	<i>Mimosa pudica</i>	1	15
51.	Belpatra	<i>Aegle marmelos</i>	1	25
52.	Senna	<i>Alexandrian senna</i>	1	10
53.	Bixa	<i>Bixaoleracea</i>	1	20
54.	Gurmar	<i>Gymnemasylvestre</i>	1	15
55.	Jasmine	<i>Jasminumsambac</i>	1	20
56.	Abutilon	<i>Abutilon indicum</i>	1	10
57.	Solanum	<i>Solanum Spp.</i>	1	10
58.	Rattleweed	<i>Crotalaria retusa</i>	1	10
59.	Bhasma		1	10
60.	Colebrookea	<i>Colebrookea oppositifolia</i>	1	15
61.	Wild marigold	<i>Tagetes minuta</i>	1	10
62.	Sunnhemp	<i>Crotalaria juncea</i>	1	20
63.	Patchouli	<i>Pogostemoncablin</i>	1	15

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Sl.No.	Common name	Botanical name of Species	Units (kg/ nos.)	Price* (in ₹)
64.	Neem	<i>Azadiractaindica</i>	1	25
65.	Karipatta	<i>Murrayakoenigii</i>	1	20
66.	Shanpushpi	<i>Convolvulus prostratus</i>	1	20

**PHARMACOLOGY DIVISION**

**Animals for Experimental studies**

S. No.	IIIM strain of Laboratory animals	Price *(in ₹)
1	Mice	350
A	Balb/c(IB)	
B	Mice(IB) C57BL/6	350
C	Mice(IB)DBA2	350
D	Mice CDF1(Hybrid)	350
E	Mice(OB) Swiss	350
2	Rat(OB)	450
3	Guinea Pig	1200
4	Rabbit	2500

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S. No	Detail of Technical service	Price* (in ₹)/ sample	Days
<b>Cytotoxic activity against human cancer cell lines (Method Sulphorhodamine B Assay)</b>			
1.	Cytotoxicity against one cell line (three concentrations)	5,000	3
2.	Cytotoxicity against 24 cell lines (three concentrations)	1,25,000	10
3.	Eight-point IC <sub>50</sub> determination against one cell line	7,500	4
<b>Human cancer cell based cell death measurements (Method: MTT or XTT Assay)</b>			
4.	1 to 10 samples (single concentration in triplicate against 5-7 cell lines of various cancers)	25000	10
5.	IC <sub>50</sub> Value Determination (6-8 points) per sample against 5 to 7 cancer cell lines	50,000	10
6.	Fluorescence/confocal microscopy	1750/ hour	
<b>Quantitative estimation of proinflammatory cytokines TNF-<math>\alpha</math> or IL-6 Method used: Sandwich ELISA</b> <b>Brief description of the assay:</b> LPS induced THP1 OR J774.A1 OR RAW 264.7 are used to assess the effect of test compound on release of TNF- $\alpha$ and IL-6 into cell media.			
7.	Single concentration in triplicate	6000	3
<b>NLRP3 Inflammasome inhibition against Nigericin and free ATP (adenosinetriphosphate)</b> <b>Method used:</b> Sandwich ELISA for IL-1 $\beta$ <b>Brief description of the assay:</b> 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-1 $\beta$ into the media will be taken as a parameter for induction of NLRP3 inflammasome			
8.	Single concentration in triplicate	6000	3 days
<b>Nitric Oxide Free Radical Scavenging Activity on RAW264.7 macrophage cell line</b>			
9.	Single concentration in triplicate	5000	3 days

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<b>Antioxidant activity assay using DPPH free radical assay (96 well format)</b>			
<b>10.</b>	Price for up to 14 test samples (single concentration in triplicate)	5000/sample	
<b>11.</b>	EC <sub>50</sub> determination up to 3 samples (7-8 concentrations in triplicate)	6250/sample	

**QUALITY, MANAGEMENT & INSTRUMENTATION DIVISION**

**Analytical Services**

**Analytical Testing Services**

<b>S.No</b>	<b>Instrument</b>	<b>Price *(in ₹)</b>	
1.	UV-Visible Spectrophotometer	500 per sample	
2.	FT-IR	500 per sample	
3.	HPLC (Analytical) UFLC with auto sampler, PDA detector.	<b>*Qualitative analysis with method:</b> 2500 per sample	<b>**Quantitative analysis:</b> 4500 per sample
		1 <sup>st</sup> Sample @ Rs: 4500 Additional samples @ Rs: 2500, if samples will be provided & processed in one/single go.	
		* Solubility data to be provided ** Method details to be given ** Sample should be filtered through 0.45µ filter. ** Markers/standard (min. 5 mg) to be provided # For Method Development & Quantification, separate quotation may be invited	
4.	Liquid Nitrogen	77 per liter	
5.	HPTLC Fingerprinting and identification	3500 per sample * Solubility data to be provided ** Method details to be given	

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S.No	Instrument	Price *(in ₹)				
		**Sample should be filtered through 0.45µ filter. **Markers/standard (min. 5 mg) to be provided # For Method Development & Quantification, separate quotation may be invited				
6.	Detection of Heavy Metals (Pb, Cd, Hg, As) (Including digestion of sample and its processing for sample preparation)	<b>Quantitative analysis by ICPMS:</b> 4000 per sample for four heavy metals. + Rs: 1000 per sample for digestion, processing and sample preparation for injection in ICPMS instrument (Total Rs: 5000) Note: In case of individual heavy metal, it is Rs 1000 / Heavy Metal.				
7.	Scanning Electron Microscopic Viewing SEM Image recording Analysis	<table border="1" style="width: 100%;"> <thead> <tr> <th>Non biological sample</th> <th>Biological sample</th> </tr> </thead> <tbody> <tr> <td>2000 per sample</td> <td>4500 per sample</td> </tr> </tbody> </table> * 3000 per hour for instrument use	Non biological sample	Biological sample	2000 per sample	4500 per sample
Non biological sample	Biological sample					
2000 per sample	4500 per sample					
8.	GC-MS QQQ	<b>Qualitative analysis</b> 4000 per sample				
9.	Residual Pesticides (including extraction and processing for sample preparation for analysis by GC-MS)	34600 per sample				

**Honey & their Products**

S.No	Parameters	Price per sample(₹)
1.	Acidity as formic acid	700

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S.No	Parameters	Price per sample(₹)
2.	Moisture	1000 Note: Same rate may apply for other samples as well
3.	Specific gravity	1000
4.	Fructose-glucose ratio	3000
5.	Total reducing sugar	1500 Note: Same rate may apply for other samples as well
	Total sugar	3000 Note: Same rate may apply for other samples as well
	Sucrose	500 Note: Same rate may apply for other samples as well

**Analytical Services for Oil**

S.No.	Parameters	Price per sample(₹)
1.	Acid value	1000
2.	Free Fatty Acid	1500
3.	Peroxide value	1500
4.	Saponification value	2000
5.	Unsaponifiable matter	2000
6.	GC-MS QQQ	<b>Qualitative analysis</b> 4000

**Nutraceutical Value**

S.No	Parameters	Price per sample (₹)
1.	Nutraceutical parameters	
a	Fat	1500
b	Total Ash	1000 Note: Same rate may apply for other samples as well
c	Moisture	1000 Note: Same rate may apply for other samples as well

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c	Crude Fiber	4000
d	Total sugar	3000 Note: Same rate may apply for other samples as well
e	Total Protein	5000 Note: Same rate may apply for other samples as well
f	Energy Value by calculation	500
	Nutraceutical Value / Total Carbohydrates/ Energy Value	Total (Parameters a-f):16000

2.	Minerals	<b>12000 per sample (for 11 minerals)</b> Rs: 1000 each mineral + Rs: 1000 per sample for digestion and sample preparation for injection in ICPMS instrument (Total Rs: 12000) Note: Same rates will be applicable for other samples as well.
	<ul style="list-style-type: none"> <li>• Aluminum</li> <li>• Barium</li> <li>• Chromium</li> <li>• Cobalt</li> <li>• Copper</li> <li>• Iron</li> <li>• Manganese</li> <li>• Nickel</li> <li>• Selenium</li> <li>• Strontium</li> <li>• Zinc</li> </ul>	

**Analytical Services for Quality testing of Water**

S.No	Parameters	Price per sample (₹)
1.	Total Hardness	500
2.	pH value	500 Note: Same rate may apply for other samples as well
3.	Alkalinity	500
4.	Calcium	500
5.	Turbidity	400
6.	Magnesium	500
7.	Chloride	500
8.	Total Dissolved Solids	700
9.	Total Suspended Solids	700

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S.No	Parameters	Price per sample (₹)
10.	Fixed solids (Inorganic solids)	500
11.	Volatile solids (Organic solids)	500
12.	Acidity	500
13.	Residue free chlorine	500
14.	Total solid	700
15.	Oil & grease	500
16.	COD (Chemical Oxygen Demand)	2000
17.	Heavy metals a) Lead 'Pb' b) Cadmium 'Cd' c) Mercury 'Hg' d) Arsenic 'As'	<b>Quantitative analysis:</b> 5000 4000 per sample for four heavy metals + Rs: 1000 per sample for sample preparation and injection in ICPMS instrument
18.	Microbial Load	3000 per sample Note: Same rate may apply for other samples as well

**NMR**

S.No	Parameters	Price per sample (₹)
1.	<sup>1</sup> H NMR	500
2.	<sup>13</sup> C NMR	1200
3.	Depth <sup>135</sup> -NMR	1000

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