

## QUALITY ASSESSMENT LABORATORY

### TESTING SERVICES

- I. Quality test of various essential oils and aroma chemicals
- II. Quality test of hand sanitizer (alcohol based)

#### I. Testing Charges of Essential Oil/ Aroma Chemical/ Isolate/ Fragrance/ Flavor/ Crude Material/ Floral Water for Various Analysis as per scope of NABL Accreditation

S.No.	Type of Analysis	Testing Charge Per Sample (Exclusive GST)	Testing Charge Per Sample (Inclusive GST @ 18%)	Quantity Per Sample	Time Taken for analysis Sample (days)
<b>A. Percentage of Essential oil/Concrete/oleoresin in crude material</b>					
1.	Hydro-distillation	Rs. 958.00	Rs.1130.00	500 gm.	2
	Solvent extraction	Rs. 1439.00	Rs.1698.00	300 gm.	2
<b>B. Physico-Chemical Analysis</b>					
1.	<b>Physical Analysis</b>				
	Optical Rotation	Rs. 475.00	Rs. 561.00	10 ml.	1
	Specific Gravity	Rs. 251.00	Rs. 296.00	10 ml.	1
	Refractive Index	Rs. 158.00	Rs. 186.00	5 ml.	1
	Solubility	Rs. 482.00	Rs. 569.00	5 ml.	1
	PH Value (for floral water only)	Rs. 482.00	Rs. 569.00	100 ml.	1
2.	<b>Chemical Analysis-</b>				
	(a) Acid Value	Rs. 317.00	Rs.374.00	10 ml.	1
	(b) Ester Value	Rs. 317.00	Rs.374.00	10 ml.	1
	(C) Ester Value after Acetylation	Rs. 522.00	Rs.616.00	15 ml.	2
<b>C. Instrumental Analysis (Qualitative &amp; Quantitative)</b>					
1.	GLC with major peak identification	Rs. 958.00	Rs.1130.00	5 ml.	1
<b>D. Instrumental Analysis (Qualitative)</b>					
1.	Detection of Poly-Ethylene Glycol by TLC only for Sandal wood	Rs. 522.00	Rs.616.00	5 ml.	1
E.	Full testing of Ruh Khus oil [B (Except PH Value ) and C]	Rs. 3479.00	Rs.4105.00	50 ml.	3
F.	Package of full testing of Sandal wood oil [B( Except PH Value), C and D]	Rs. 4000.00	Rs.4720.00	50 ml.	3

**Note: GST @ 18%**

#### Testing Charge of Essential Oil/ Aroma/ Chemical/ Isolate/ Fragrance/ Flavor for Others Various Analysis

S.No.	Name of Testing	Testing charge Per Sample (Exclusive GST)	Testing charge Per Sample (Inclusive GST @ 18%)	Quantity Per Sample	Time taken for analysis per sample
1.	GC-MS	Rs. 7986.00	Rs. 9423.00	5 ml	3
2.	Colour, Odour & Appearance	Rs. 317.00	Rs. 374.00	10 ml	1
3.	Flash Point	Rs. 1597.00	Rs. 1884.00	50 ml	1
4.	Congealing Point	Rs. 509.00	Rs. 601.00	10 ml	1
5.	Petroleum & Minerals oils	Rs. 509.00	Rs. 601.00	10 ml	1
6.	Water Test	Rs. 422.00	Rs. 498.00	10 ml	1
7.	Solid Material Content	Rs. 422.00	Rs. 498.00	10 ml	1

8.	Paper Test	Rs. 422.00	Rs. 498.00	10 ml	1
9.	Alkali Test	Rs. 422.00	Rs. 498.00	10 ml	1
10.	PH Test	Rs. 594.00	Rs. 701.00	10 ml	1
11.	Fats & oils	Rs. 594.00	Rs. 701.00	10 ml	1
12.	Alcohol Content	Rs. 958.00	Rs. 1130.00	50 ml	1
13.	Water Content	Rs. 958.00	Rs. 1130.00	50 ml	1
14.	Aroma Content/Volatile content	Rs. 958.00	Rs. 1130.00	50 ml	1
15.	Nonvolatile	Rs. 509.00	Rs. 601.00	50 ml	1
16.	Appearance of 0.5% Dilution in DEP(Di ethyl Phthalate)	Rs. 482.00	Rs. 569.00	30 ml	1
17.	Appearance of 0.5% Dilution in DPG (Di Propylene glycol)	Rs. 482.00	Rs. 569.00	30 ml	1
18.	Menthofuran Test	Rs. 522.00	Rs. 616.00	10 ml	1

**Note: GST @ 18%**

## II. Quality Test of Hand Sanitizer (Alcohol Based)

S.No.	Name of Testing	Testing charge Per Sample (Exclusive GST)	Testing charge Per Sample (Inclusive GST @ 18%)	Quantity Per Sample	Time taken for analysis per sample
1.	Percentage of Ethanol	958.00	1130.00	300 ml	1
2.	Specific Gravity	251.00	296.00	5 ml	1
3.	Refractive Index	158.00	186.00	5 ml	1
4.	pH-value	482.00	569.00	100 ml	1
5.	Concentration (%) of Hydrogen Peroxide	600.00	708.00	100 ml	1

### Contact Persons:

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