National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY ASSESSMENT LAB, FRAGRANCE & FLAVOUR DEVELOPMENT CENTRE, KANNAUJ, INDUSTRIAL ESTATE, MAKRAND NAGAR, KANNAUJ, KANNAUJ, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 11/10/2021 to 10/10/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- COSMETICS & ESSENTIAL OILS	Ajwain oil	Thymol	IS 326 (Part 19)
2	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates	Optical rotation	IS 326 (Part 4):
3	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates	Refractive index	IS 326 (Part 5):
4	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates	Solubility in dilute alcohol	IS 326 (Part 6):
5	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates	Specific gravity	IS 326 (Part 3):
6	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates (adulterated)	Acid value	IS 326 (Part 7):
7	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates (adulterated)	Ester value	IS 326 (Part 8):
8	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates (Natural)	Acid value	IS 326 (Part 7):
9	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates (Natural)	Ester value after Acetylation	IS 326 (Part 9):
10	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aroma Chemicals/ Isolates(Natural)	Ester value	IS 326 (Part 8):
11	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aromatic Plants/ Herbs (Hydro-distillate & Solvent Extract)	Concrete absolute/ Solvent extract	QAL-SOPM-201
12	CHEMICAL- COSMETICS & ESSENTIAL OILS	Aromatic Plants/ Herbs (Hydro-distillate & Solvent Extract)	Oil content	QAL-SOPM-201
13	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Optical rotation	IS 326 (Part 4):
14	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Specific gravity	IS 326 (Part 3):
15	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Acid value	IS 326 (Part 7)
16	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Acid value	IS 326 (Part 7):
17	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Ester value	IS 326 (Part 8):
18	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Ester value after Acetylation	IS 326 (Part 9):

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19	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Polyethylene glycol identification	IS 329
20	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Refractive index	IS 326 (Part 5)
21	CHEMICAL- COSMETICS & ESSENTIAL OILS	Essential Oils and Natural Attars	Solubility in dilute alcohol	IS 326 (Part 6)
22	CHEMICAL- COSMETICS & ESSENTIAL OILS	Floral Water	pH value	IS 3025 (Part 11):
23	CHEMICAL- COSMETICS & ESSENTIAL OILS	Floral Water	pH value	IS 3025 (Part 11):
24	CHEMICAL- COSMETICS & ESSENTIAL OILS	Floral Water	pH value	IS 3025 (Part 11):
25	CHEMICAL- COSMETICS & ESSENTIAL OILS	Fragrance/ Flavour	Identification of major/minor component (% purity) by Gas Liquid Chromatography	IS 326 (Part 19)
26	CHEMICAL- COSMETICS & ESSENTIAL OILS	Fragrance/ Flavour	Optical rotation	IS 326 (Part 4):
27	CHEMICAL- COSMETICS & ESSENTIAL OILS	Fragrance/ Flavour	Refractive index	IS 326 (Part 5):
28	CHEMICAL- COSMETICS & ESSENTIAL OILS	Fragrance/ Flavour	Specific gravity	IS 326 (Part 3):
29	CHEMICAL- COSMETICS & ESSENTIAL OILS	Natural attars & Fragrance	Identification of major/minor component (% purity) by Gas Liquid Chromatography	IS 326 (Part 19):
30	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of basil	Methylchavicol, linalool	IS 326 (Part 19)
31	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of Black Pepper	a-pinene, ß-pinene, mycene, limonene, caryophyllene	IS 326 (Part 19)
32	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of cardamom	1,8 cineole, terpinyl acetate, ß-pinene, lynalyl acetate	IS 326 (Part 19)
33	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of celery seed	Limonene, a & ß-selinene, 3n-butylphallaide, pentylbenzne	IS 326 (Part 19)
34	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of cinnamon leaf	Eugenol	IS 326 (Part 19)
35	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of Citronella	Citronellal, citronellol, limonene, geraniol, linalool, citronellyl acetate, geranyl acetate	IS 326 (Part 19)

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36	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of clove	Eugenol	IS 326 (Part 19)
37	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of cuminseed	ß-pinene, ?-terpinene, p-cymene, cumine aldehyde, perilla aldehyde	IS 326 (Part 19)
38	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of davana	Davanone, ethyl cinnamate, bicyclogermacrene, methyl cinnamate	IS 326 (Part 19)
39	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of dill seed	Limonene, dihydrocrvone, carvone, dillapiale	IS 326 (Part 19)
40	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of eucalyptus citriodora	Citronellal, iso-pulegol, citronellol	IS 326 (Part 19)
41	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of eucalyptus globulus	1,8-Cineole	IS 326 (Part 19)
42	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of geranium	Linalool, geraniol, rohdinol	IS 326 (Part 19)
43	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of ginger	zingiberene, a-curcumene, zingiberene, a-farnesene, ß-bisabolene, ß-sesquiphellendrene	IS 326 (Part 19)
44	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of himalayan cedar wood	Himachalene	IS 326 (Part 19)
45	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of jamrosa	Geraniol, Geranyl acetate	IS 326 (Part 19)
46	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of lemongrass	Citral a, citral b, geraniol	IS 326 (Part 19)
47	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of lime	a-pinene, ß-pinene, myrcene limonene	IS 326 (Part 19)
48	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of mentha arvensis	Octnane-3-ol, menthone, iso-menthone, methyl acetate, neo-menthol, l-menthol	IS 326 (Part 19)
49	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of mentha citrata	Linalool, Linalyl acetate	IS 326 (Part 19)
50	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of palmarosa	Geraniol acetate, geraniol	IS 326 (Part 19)
51	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of patchouli	Patchouli alcohol	IS 326 (Part 19)
52	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of peppermint, mentha piperita (Indian Type)	a & ß-pinene, limonene, menthone, l-menthol, n-menthol, iso-menthone	IS 326 (Part 19)

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53	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of pine	Menthadienes, terpineol, isoborneol	IS 326 (Part 19)
54	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of rose	Rohdinol, gerniol, nerol, phenyl ethyl alcohol , rose oxide, nonadecane	IS 326 (Part 19)
55	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of sandalwood	a-santalol, ß-santalol	IS 326 (Part 19)
56	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of Spearmint	a-pinene, camphor, l-carvone	IS 326 (Part 19)
57	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of sweet orange	Limonene	IS 326 (Part 19)
58	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of turpentine	a & ß-pinene, di-penten, camphene	IS 326 (Part 19)
59	CHEMICAL- COSMETICS & ESSENTIAL OILS	Oil of vetiver (Cultivated And Khus)	Vetiverol	IS 326 (Part 19)