



PRODUCT SPECIFICATION

Date of Issue: 20/01/2020	Document No: VRI/PS/01-090
Revision Date: 11/07/2020	Revision No: 01

Product Name	Frangipani Essential Oil
Botanical Name	<i>Plumeria alba</i>
CAS #	94350-02-4
EC #	---
EINECS #	---
INCI Name	Plumeria alba flower oil
INCI Description	Plumeria Alba Flower Oil is the volatile oil obtained from the flowers of Plumeria alba, Apocynaceae.
Country of Origin	India
Packaging	As Per Customer Requirement

Part Used	Flower
Extraction Method	Steam Distillation
Quality	100% Pure and Natural
Note Classification	Strong

Physical & Analytical Analysis	SPECIFICATIONS
Appearance	Pale yellow transparent liquid
Odor	Floral herbal odor
Refractive Index @ 20°C	0.965
Specific Gravity (g/mL) @ 20°C	0.915
Optical Rotation (°)	8.7°
Solubility	Insoluble in water, soluble in alcohol and oils

Ingredients	Strength (%)
Ethanol	6.15
2-Heptanone	0.20
Ethyl octanoate	0.18
2-Undecanone	0.28
Decanoic acid, ethyl ester	1.18
Dodecanoic acid, ethyl ester	7.56
Geraniol	0.34
Phenylethyl Alcohol	0.64

EU Allergens

Geraniol

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU	ISO 21149
Yeast and Mould	< 10 CFU	ISO 16212
Candida albicans	ABSENT	ISO 18416
Escherichia coli	ABSENT	ISO 21150
Pseudomonas aeruginosa	ABSENT	ISO 22717
Staphylococcus aureus	ABSENT	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	In House
Arsenic: As (mg/kg or ppm)	< 2 ppm	In House
Mercury: Hg (mg/kg or ppm)	< 1 ppm	In House

Note: This Product Specification Sheet was prepared in accordance with the Quality parameters taken during product manufacturing/processing to maintain the quality of the product. This Specification Sheet shows the product characteristic feature of the actual product. However you can find the detailed examination report for the respective batches in their COA.