



PRODUCT SPECIFICATION

Date of Issue: 20/01/2020	Document No: VRI/PS/01-013
Revision Date: 15/02/2020	Revision No: 02

Product Name	Styrax Benzoin Essential Oil
Botanical Name	<i>Styrax benzoin</i>
CAS #	9000-72-0
EC #	232-556-7
EINECS #	---
INCI Name	Styrax benzoin
INCI Description	"Gum Benzoin Oil". Styrax Resin Oil is a volatile oil obtained from the balsamic resin of the Tonkin Benzoin, Styracaceae.
Country of Origin	Sumatra
Packaging	As Per Customer Requirement

Part Used	Resins
Extraction Method	Solvent Extraction
Quality	100% Pure and Natural
Note Classification	Medium

Physical & Analytical Analysis	SPECIFICATIONS
Appearance	Reddish Brown semi solid liquid
Odor	Balsamic
Refractive Index @ 20°C	1.430
Specific Gravity (g/mL) @ 20°C	0.998
Optical Rotation (°)	1°
Solubility	Insoluble in water, soluble in alcohol and oils

Ingredients	Strength (%)
Benzoin	60-70
Ethanol	30-40
Benzyl benzoate	1-5
Benzyl Cinnamate	0.1-1
Isoeugenol	<1
Benzyl Alcohol	<1
Benzyl Salicylate	<1
Cinnamyl Alcohol	<1
Cinnamal	<1

Eugenol	<1
Geraniol	<1

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.