

TECHNICAL DATA SHEET (TDS)

Product Name	PERU BALSAM (BALSAM OF PERU) ESSENTIAL OIL
Botanical Name	Myroxylon balsamum var. pereirae
CAS #	8007-00-9
EINECS #	232-352-8
INCI Name	Myroxylon Balsamum Pereirae Balsam Oil

Part Used	Resin
Extraction Method	Steam Distilled Essential Oil
Quality	100% Pure and Natural
Note Classification	Base Note, Excellent Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Golden yellow to brown colored slightly viscous liquid
Odour	Rich, balsamic, deep, vanilla-sweet aroma
Refractive Index	1.550 - 1.590 @ 20°C
Specific Gravity (g/mL)	1.090 - 1.130 @ 20°C
Optical Rotation (°)	-15° to +15°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

<u>MICROBIAL ANALYSIS</u>	<u>SPECIFICATIONS</u>	<u>STANDARDS</u>
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mould	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

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

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