

## TECHNICAL DATA SHEET (TDS)

<b>Product Name</b>	<b>BALSAM FIR ABSOLUTE</b>
<b>Botanical Name</b>	Abies balsamea
<b>Product Code</b>	PAO2050
<b>CAS #</b>	85085-34-3 ; 8007-47-4
<b>EINECS #</b>	285-364-0 ; 232-362-2

<b>Part Used</b>	Needles
<b>Quality</b>	100% Pure and Natural
<b>Note</b>	Middle to Base Note, Excellent Fixative

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Dark greenish brown, slightly viscous, mobile liquid
<b>Odour</b>	Sweet, fresh, balsamic, pine aroma
<b>Refractive Index</b>	1.465 - 1.515 @ 25°C
<b>Specific Gravity (g/mL)</b>	0.955 - 1.080 @ 20°C
<b>Solubility</b>	Soluble in alcohols and fixed oils; Insoluble in water

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

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

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

**DISCLAIMER:** Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.