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## **TECHNICAL DATA SHEET (TDS)**

<b>Product Name</b>	<b>CHAMPACA ABSOLUTE OIL</b>
<b>Synonyms</b>	RED CHAMPACA ABSOLUTE MAGNOLIA ABSOLUTE
<b>Botanical Name</b>	Michelia champaca (syn Magnolia champaca)
<b>Product Code</b>	PAO2049
<b>CAS #</b>	94333-99-0
<b>EINECS #</b>	305-079-8

<b>Part Used</b>	Flowers
<b>Quality</b>	100% Pure and Natural
<b>Note</b>	Middle Note

<b><u>PROPERTIES</u></b>	<b><u>SPECIFICATIONS</u></b>
<b>Appearance</b>	Reddish-brown colored, slightly viscous, mobile liquid
<b>Odour</b>	Extremely rich, sweet, floral aroma
<b>Refractive Index</b>	1.482 - 1.528 @ 20°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

<b><u>MICROBIAL ANALYSIS</u></b>	<b><u>SPECIFICATIONS</u></b>	<b><u>STANDARDS</u></b>
<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

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<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

#### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 36 months, quality should be checked before use.

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