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## TECHNICAL DATA SHEET (TDS)

<b>Product Name</b>	<b>ST. JOHN'S WORT OIL</b>
<b>Botanical Name</b>	Hypericum perforatum
<b>Product Code</b>	PIO5002
<b>INCI Name</b>	Hypericum Perforatum Flower/Leaf/Stem Extract and Olea Europaea (Olive) Fruit Oil
<b>CAS#</b>	84082-80-4 and 8001-25-0
<b>EINECS#</b>	282-026-4 and 232-277-0

<b>Extraction Method</b>	Infusion of flowering aerial parts of Hypericum perforatum in extra virgin Olea europaea (Olive) Oil
<b>Standardization</b>	33.3% dry herb/L of oil (i.e., 333 g herb per 1000 ml of oil)
<b>Quality</b>	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
<b>Appearance</b>	Pale yellow to orange golden colored liquid
<b>Odour</b>	Characteristic slight aroma with floral tones
<b>Refractive Index</b>	1.460 - 1.485 @ 20°C
<b>Specific Gravity (g/mL)</b>	0.895 - 0.920 @ 20°C
<b>Solubility</b>	Soluble in cosmetic esters 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

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<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.**

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