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TECHNICAL DATA SHEET (TDS)

Product Name	ALOE VERA OIL
Botanical Name	Aloe barbadensis
Product Code	PIO5006
INCI Name	Aloe Barbadensis Leaf Extract, Simmondsia Chinensis (Jojoba) Seed Oil, Glycine Soja (Soybean) Oil
CAS#	85507-69-3, 94349-62-9 and 61789-91-1 and 8001-22-7
EINECS#	287-390-8, 305-181-2 and 289-964-3 and 232-274-4

Extraction Method	Extraction of Aloe barbadensis (Aloe vera) leaves in Simmondsia Chinensis (Jojoba) Seed Oil and Glycine Soja (Soybean) Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale yellow to golden colored liquid
Odour	Characteristic slight aroma
Refractive Index	1.460 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.910 - 0.940 @ 20°C
Saponification Value (mgKOH/g)	175 - 205
Solubility	Soluble in cosmetic esters 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

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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 24 months, quality should be checked before use.

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

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