

CERTIFICATE OF ANALYSIS

Product Name	ALOE VERA OIL
Botanical Name	Aloe barbadensis
Product Code	PIO5006
INCI Name	Aloe barbadensis Leaf Extract, Glycine soja (Soybean) Oil
CAS#	85507-69-3, 94349-62-9 and 8001-22-7
EINECS#	287-390-8, 305-181-2 and 232-274-4

Batch #	50061811
Manufacturing Date	JANUARY 2021
Best Before Date	DECEMBER 2022

Extraction Method	Extraction of Aloe barbadensis (Aloe vera) leaves in Glycine soja (Soybean) Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to golden colored liquid	CONFORMS
Odour	Characteristic slight odour	CONFORMS
Refractive Index	1.460 - 1.485 @ 20°C	1.469
Specific Gravity (g/mL)	0.910 - 0.940 @ 20°C	0.921
Saponification Value (mgKOH/g)	175 - 205	189
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

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

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