

CERTIFICATE OF ANALYSIS (COA)

Product Name	ASHWAGANDHA OIL
Botanical Name	Withania somnifera
CAS #	90147-43-6 and 8008-74-0
EINECS #	290-434-9 and 232-370-6
INCI Name	Withania somnifera Root Extract (and) Sesamum indicum (Sesame) Seed Oil

Extraction Method	Infusion of Ashwagandha (Withania somnifera) roots in organic Sesame (Sesamum indicum) Seed Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to amber colored liquid	CONFORMS
Odour	Characteristic slight aroma	CONFORMS
Refractive Index	1.458 - 1.475 @ 20°C	1.467
Specific Gravity (g/mL)	0.900 - 0.935 @ 20°C	0.917
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

<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

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

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