

CERTIFICATE OF ANALYSIS (COA)

Product Name	KUMKUMADI OIL
INCI Name	Sesamum indicum (Sesame) Seed Oil, Crocus Sativus Flower Extract, Caesalpinia sappan Bark Extract, Glycyrrhiza glabra Root Extract, Rubia cordifolia Root Extract, Vetiveria zizanoides Root Extract

Extraction Method	Blend of 24 different Ayurvedic Oils and Herbs
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Reddish orange colored liquid	CONFORMS
Odour	Characteristic herbal, earthy odour	CONFORMS
Refractive Index	1.450 - 1.490 @ 20°C	1.465
Specific Gravity (g/mL)	0.900 - 0.950 @ 20°C	0.925
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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