

TECHNICAL DATA SHEET (TDS)

Product Name	GOTU KOLA OIL
Botanical Name	Centella asiatica
CAS #	84696-21-9 ; 84776-24-9 and 8008-74-0
EINECS #	283-640-5 and 232-370-6
INCI Name	Hydrocotyl (Centella Asiatica) Extract (and) Sesamum indicum (Sesame) Seed Oil

Extraction Method	Infusion of Gotu Kola (Centella asiatica) herbs in organic Sesame (Sesamum indicum) Seed Oil
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Amber to reddish green colored liquid
Odour	Characteristic slight herbaceous and earthy aroma
Refractive Index	1.455 - 1.485 @ 20°C
Specific Gravity (g/mL)	0.895 - 0.930 @ 20°C
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

<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

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