



Certificate of Analysis

Product Name:	Gotu Kola Herbal Oil	Extraction Method:	Infusion of Gotu Kola (Centella asiatica) herbs in organic Sesame (Sesamum indicum) Seed Oil
Botanical Name:	<i>Centella asiatica</i>	Quality:	100% Pure and Natural
CAS No.:	84696-21-9; 84776-24-9 and 8008-74-0	Batch Number:	Varies
		Manufacture Date:	Varies
INCI Name:	Hydrocotyl (Centella Asiatica) Extract (and) Sesamum indicum (Sesame) Seed Oil	Best Before:	Varies

IDENTIFICATION		SPECIFICATION	STANDARDS	RESULT
Physical	Appearance	Amber to reddish green colored liquid	-	Complies
	Odour	Characteristic slight herbaceous and earthy aroma	-	Complies
	Refractive Index	1.455 - 1.485 20°C	-	1.465
	Specific Gravity (g/mL)	0.895 - 0.930 20°C	-	0.919
	Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	-	Complies
Chemical	Lead (Pb)	< 10 ppm	-	Complies
	Arsenic (As)	< 2 ppm	-	Complies
	Mercury (Hg)	< 1 ppm	-	Complies
Microbial	Aerobic Mesophilic Bacterial Count	< 100 cfu/g	ISO 21149	Complies
	Yeast & Mould	< 10 cfu/g	ISO 16212	Complies
	Candida albicans	Negative	ISO 18416	Complies
	Escherichia coli	Negative	ISO 21150	Complies
	P. aeruginosa	Negative	ISO 22717	Complies
	S. aureus	Negative	ISO 22718	Complies

Else	Storage Condition	Keep in a tightly closed container in a cool and dry place, protected from sunlight.
	Shelf Life	When stored for more than 24 months, quality should be checked before use.

