



Certificate of Analysis

Product Name:	Gotu Kola Extract	Batch Number:	Varies
Botanical Name:	<i>Centella asiatica</i>	Manufacture Date:	Varies
Used part:	Whole herb	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (HPLC)		≥ 20% asiaticosides	20.05 - 21.25%
Physical	Appearance	Brown / Brown yellow / Light yellow powder	Complies
	Odor & Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh	Complies
	Residue of Solvents	≤ 0.05%	Complies
	Loss on drying	≤ 5%	2.05 - 4.15%
	Total ash	≤ 5%	2.10 - 2.13%
	Pesticide Residues	≤ 1 ppm	Complies
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 1 - 2 ppm	Complies
	Arsenic (As)	≤ 1 - 2 ppm	Complies
	Cadmium (Cd)	≤ 0.1 - 2 ppm	Complies
	Mercury (Hg)	≤ 0.05 - 1 ppm	Complies
Microbial	Total Plate Count	≤ 1000 - 10000 cfu/g	Complies
	Yeast & Mold	≤ 100 - 1000 cfu/g	Complies
	E. Coli, Salmonella, Staphylococcus	Negative	Complies
	Aflatoxins	< 0.2 ppb	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

