



Certificate of Analysis

Product Name:	Tongkat Ali Extract	Batch Number:	Varies
Botanical Name:	<i>Eurycoma longifolia</i>	Manufacture Date:	Varies
Used part:	Root	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (TLC)		100:1	Complies
Physical	Appearance	Brown yellow powder	Complies
	Odor & Taste	Characteristic	Complies
	Particle Size	90% / 95% / 100% pass 80 mesh	Complies
	Loss on drying	< 5%	3.19 - 3.78%
	Total ash	< 5%	3.12 - 4.12%
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 2 ppm	< 2 ppm
	Arsenic (As)	≤ 2 ppm	< 2 ppm
	Cadmium (Cd)	≤ 2 ppm	< 2 ppm
	Mercury (Hg)	≤ 1 ppm	< 1 ppm
Microbial	Total Plate Count	≤ 10000 cfu/g	Complies
	Yeast & Mold	≤ 1000 cfu/g	Complies
	Coliforms, Pathogenic bacteria	Negative	Complies

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

