



Certificate of Analysis

Product Name:	Gynostemma Extract	Batch Number:	Varies
Botanical Name:	<i>Gynostemma pentaphyllum</i>	Manufacture Date:	Varies
Used part:	Whole plant	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (UV)		80 / 85% gypenosides	80.23 / 85.6%
Physical	Appearance	Light yellow / Light white powder	Complies
	Odor & Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh / 95% pass 20-60 mesh	Complies
	Loss on drying	≤ 5%	3.33 - 3.38%
	Total ash	≤ 5%	2.23 - 2.85%
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 2 ppm	Complies
	Arsenic (As)	≤ 2 ppm	Complies
	Cadmium (Cd)	≤ 2 ppm	Complies
	Mercury (Hg)	≤ 0.5 - 1 ppm	Complies
Microbial	Total Plate Count	≤ 1000 - 10000 cfu/g	100 cfu/g
	Yeast & Mold	≤ 100 - 1000 cfu/g	20 cfu/g
	Coliforms, Pathogenic bacteria	Negative	Complies

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

