



Certificate of Analysis

Product Name:	Berberine	Batch Number:	Varies
Botanical Name:	<i>Phellodendron chinense Schneid</i>	Manufacture Date:	Varies
Used part:	Root / Bark	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay		97 - 98%	97.8 - 98.2%
Physical	Appearance	Yellow or light yellow powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh 95% pass 20-60 mesh	Complies
	Loss on drying	≤ 12%	9.83 - 11.1%
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 1 - 2 ppm	Complies
	Arsenic (As)	≤ 1 - 2 ppm	Complies
	Cadmium (Cd)	≤ 1 - 2 ppm	Complies
	Mercury (Hg)	≤ 0.1 - 1 ppm	Complies
Microbial	Total Plate Count	≤ 1000 cfu/g	Complies
	Yeast & Mold	≤ 100 cfu/g	Complies

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

