



Certificate of Analysis

Product Name:	Curcumin Extract	Batch Number:	Varies
Botanical Name:.	<i>Curcuma longa L.</i>	Manufacture Date:	Varies
Used part:	Root	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (HPLC)		70 - 95.0% curcuminoids	76.68 - 95.03%
Physical	Appearance	Yellow orange powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	95% pass 20-60 mesh / 100% pass 80 mesh	Complies
	Loss on drying	≤ 2 - 5.0%	0.2 - 1.02%
	Total ash	≤ 5.0%	0.14 - 0.22%
Chemical	Heavy Metals	≤ 10 ppm	Complies
	Lead (Pb)	≤ 2 ppm	Complies
	Arsenic (As)	≤ 2 - 3 ppm	Complies
	Cadmium (Cd)	≤ 0.1 - 2 ppm	Complies
	Mercury (Hg)	≤ 0.1 - 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

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

