



Certificate of Analysis

Product Name:	Carthamus Extract	Batch Number:	Varies
Botanical Name:.	<i>Carthamus tinctorius L</i>	Manufacture Date:	Varies
Used part:	Flower	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (TLC)		20:1	Complies
Physical	Appearance	Brown yellow or brown red powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh	Complies
	Loss on drying	≤ 5%	2.38 - 3.16%
	Total ash	≤ 5%	2.13 - 3.42%
Chemical	Lead (Pb)	≤ 1 - 2 ppm	Complies
	Arsenic (As)	≤ 1 - 2 ppm	Complies
	Cadmium (Cd)	≤ 1 - 2 ppm	Complies
	Mercury (Hg)	≤ 0.5 - 1 ppm	Complies
Microbial	Total Plate Count	≤ 1000 - 10000 cfu/g	Complies
	Yeast & Mold	≤ 100 - 1000 cfu/g	Complies

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

