



Certificate of Analysis

Product Name:	St. John's Wort Extract	Batch Number:	Varies
Botanical Name:	<i>Hypericum perforatum L.</i>	Manufacture Date:	Varies
Used part:	Whole herb	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (UV)		≥ 0.3% hypericin	0.307 - 0.371%
Physical	Appearance	Dark brown to black / Black brown powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	> 95% pass 80 mesh / 100% pass 80 mesh	Complies
	Loss on drying	≤ 5%	2.7 - 4.25%
	Sulphated Ash	≤ 5 / ≤ 15%	3.62 / 13.45%
Chemical	Heavy Metals	≤ 10 - 20 ppm	Complies
	Lead (Pb)	≤ 2 - 3 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 - 10000cfu/g	Complies
	Yeast & Mold	≤ 100 - 1000 cfu/g	Complies
	E. Coli, Salmonella	Negative	Complies

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

