



Certificate of Analysis

Product Name:	Ashwagandha Herbal Oil	Extraction Method:	Infusion of Ashwagandha (<i>Withania somnifera</i>) roots in organic Sesame (<i>Sesamum indicum</i>) Seed Oil
Botanical Name:	<i>Withania somnifera</i>	Quality:	100% Pure and Natural
CAS No.:	90147-43-6 and 8008-74-0	Batch Number:	Varies
		Manufacture Date:	Varies
INCI Name:	Withania somnifera Root Extract (and) Sesamum indicum (Sesame) Seed Oil	Best Before:	Varies

IDENTIFICATION		SPECIFICATION	STANDARDS	RESULT
Physical	Appearance	Pale yellow to amber colored liquid	-	Complies
	Odour	Characteristic slight aroma	-	Complies
	Refractive Index	1.458 - 1.475 20°C	-	1.468
	Specific Gravity (g/mL)	0.900 - 0.935 20°C	-	0.916
	Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	-	Complies
Chemical	Lead (Pb)	< 10 ppm	-	Complies
	Arsenic (As)	< 2 ppm	-	Complies
	Mercury (Hg)	< 1 ppm	-	Complies
Microbial	Aerobic Mesophilic Bacterial Count	< 100 cfu/g	ISO 21149	Complies
	Yeast & Mould	< 10 cfu/g	ISO 16212	Complies
	Candida albicans	Negative	ISO 18416	Complies
	Escherichia coli	Negative	ISO 21150	Complies
	P. aeruginosa	Negative	ISO 22717	Complies
	S. aureus	Negative	ISO 22718	Complies

Else	Storage Condition	Keep in a tightly closed container in a cool and dry place, protected from sunlight.
	Shelf Life	When stored for more than 24 months, quality should be checked before use.

