



## Technical Data Sheet

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

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

<b>Else</b>	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.

