CIN: U01133KL2010PTC025744

TECHNICAL DATA SHEET

Product: Ashwagandha Extract Powder 1.5%

Product Code: EP-122651

Botanical Name: *Withania somnifera* **CAS NO : 90147-43-6**

Description:

Ashwagandha Extract is obtained by solvent extraction of root and leaves (Plant Part) of *Withania somnifera*

Organoleptic characteristics:

Brown to Dark brown coloured free flowing hygroscopic powder.

ANALYTICAL QUALITY		
Parameters	**Specifications**	**Test Method**
Moisture (w/w)	NMT 5.0%	USP 921
Total Withanolide by HPLC	NLT 1.5%	HPLC
Sieve Analysis	100% passes through 30#	USP 786
Extraction Solvent	50% Ethanol	Inhouse Spec
DER (Extract Ratio)	12: 1	Inhouse Spec
Residual Solvent - Ethanol	NMT 5000 ppm	USP 467

MICROBIAL QUALITY		
Total plate count	Less than 1000 cfu/gram	US FDA (BAM)
Yeast and Mould	Less than 100 cfu/gram	US FDA (BAM)
E coli	Negative/ gram	US FDA (BAM)
Salmonella	Negative/25 grams	US FDA (BAM)

HEAVY METALS		
Total Heavy Metals	Less than 10 ppm	ICP-MS
Arsenic	Less than 1 ppm	ICP-MS
Lead	Less than 3 ppm	ICP-MS
Cadmium	Less than 1 ppm	ICP-MS
Mercury	Less than 0.1 ppm	ICP-MS

GMO Status: The product is free from Genetically Modified Organisms.

Flavouring Status according to US (21 CFR 101-22) and EC(1334/2008) : Natural Flavouring Preparation

Blends Offered: The above quality is our standard specification. In addition to this customized blends are also offered to meet specific requirements.

Packaging: HDPE drums / pails as per customer requirement.

Storage: Keep in full & tight containers away from direct heat and light at ambient temperature (24-25°c). Mix well before use

Shelf Life: Not more than 2 years from the date of manufacture when stored under specified storage conditions

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