



HERBAL EXTRACT

Ashwagandha Dry Extract 2.5%

Withania somnifera · Ashwagandha · Root

RESULT

Conforms

BOTANICAL NAME Withania somnifera	PART USED Root	PREPARATION Dry extract	STANDARDIZATION Withanolides 2.5% (HPLC)
MFG. DATE 21 August 2024	EXP. DATE 20 July 2027	BATCH SIZE 75 kg	COUNTRY India

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION			
1.1	Appearance	Light to dark brown fine powder	Organoleptic	Complies
1.2	Colour	Dark brown	Organoleptic	Complies
1.3	Odour	Characteristic	Organoleptic	Complies
1.4	Taste	Characteristic	Organoleptic	Complies
2.0	ANALYTICAL DATA			
2.1	Identification	Positive	By TLC	Positive
2.2	Loss on drying (at 105°C)	NMT 10.0% w/w	IP-2014	1.60% w/w
2.3	pH (1% w/v solution)	3 – 7	IP-2014	4.87
2.4	Bulk density	NLT 0.25 g/ml	IP-2014	0.702 g/ml
2.5	Solubility in water	NLT 70.0% w/w	IP-2014	72.81% w/w
2.6	Total ash	NMT 15.0% w/w	IP-2014	11.36% w/w
2.7	Particle size	NLT 95% passes through 40 mesh	Sieve	95.29% w/w
3.0	ASSAY (ON DRY WEIGHT BASIS)			
3.1	Withanolides content	NLT 2.5% w/w	By HPLC	2.59% w/w
4.0	HEAVY METALS (ICP-MS)			
4.1	Lead (ppm)	NMT 1.0	ICP-MS	Complies
4.2	Arsenic (ppm)	NMT 1.0	ICP-MS	Complies
4.3	Cadmium (ppm)	NMT 0.3	ICP-MS	Complies
4.4	Mercury (ppm)	NMT 0.1	ICP-MS	Complies
5.0	MICROBIOLOGICAL ANALYSIS			
5.1	Total Plate Count (cfu/g)	NMT 1,000	USP <2021>	140
5.2	Yeast / Moulds / Fungi (cfu/g)	NMT 100	USP <2021>	12
5.3	Escherichia coli	Absent	USP <2022>	Negative
5.4	Salmonella sp.	Absent	USP <2022>	Negative
5.5	Staphylococcus aureus	Absent	USP <2022>	Negative

Remarks: The product Ashwagandha Dry Extract 2.5% conforms to the above-mentioned specifications.

* The product is of herbal origin; slight colour variation may occur due to geographical and seasonal variation in the raw material.

SHELF LIFE 3 years (36 months) from date of manufacture, in original packed condition	STORAGE Store in a well-closed container at a cool, dry place, protected from light and moisture.
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SV Botanica

PREMIUM NATURAL
INGREDIENTS

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