Arjuna Natural

CERTIFICATE OF ANALYSIS
SOMIN-ON (ASHWAGANDHA EXTRACT)

Product name	:	Somin-On (Ashwagandha extract)			
AN code	:	101102002			
Latin Name	:	*Withania somnifera*	Batch no	:	1F1012508099
Country of Origin	:	India			
Harvest Type	:	Cultivated	Plant Part Used	:	Roots & Leaves
COA No	:	EB250800379	Mfg. Date	:	07.08.2025
COA Date	:	30.08.2025			

Description	Specification	Result	Method
Physical Characteristic			
Colour	Brown to deep brown	Complies	Visual
Appearance	Hygroscopic Powder	Complies	Visual
Flavour	Characteristic	Complies	Organoleptic
Odour	Characteristic	Complies	Organoleptic
Analytical Assay			
Herb extract Ratio	18:1	Complies	In House specification
Moisture	NMT 6%	2.69%	USP 37<921>
Extraction solvent	Ethanol-water-Ethyl acetate	Complies	In house Specification
Residual Solvent (Ethanol)	NMT 5000ppm	Complies	USP<467>
Residual Solvent (Ethyl acetate)	NMT 5000ppm	Complies	USP<467>
Particle Size range	100% thru 30 #	Complies	USP 37<786>
Tap Density (gm/ml)	> 0.30	0.63	USP 37<616>
Bulk Density (gm/ml)	> 0.15	0.39	USP 37<616>
Pesticide Residue	Complies with EU	Complies	USP 37<561>
Excepients	Maltodextrin	Complies	In House Specification
Benzo(a)pyrene(BAP)	<10µg/kg	Complies	UPLC-Fluro
Polycyclic aromatic hydrocarbon(PAH) (sum of Benzo(a)pyrene, Benzo(a)anthracene, Benzo(b)fluoranthene, chrysene	<50µg/kg	Complies	UPLC-Fluro
Trace Metals			
Heavy Metals	< 10 ppm	Complies	ICP-MS
Arsenic	< 1 ppm	Complies	ICP-MS
Lead	< 3 ppm	Complies	ICP-MS
Mercury	< 0.1 ppm	Complies	ICP-MS
Cadmium	< 1 ppm	Complies	ICP-MS
Nickel	Reported Value	Complies	ICP-MS
Microbial Parameters			
Total Plate Count	NMT 10,000 cfu/g	10 cfu/g	AOAC, BAM
Yeast & Mould	NMT 1000 cfu/g	< 10 cfu/g	AOAC, BAM
Salmonella	Absent/25 g	Complies	AOAC, BAM
E. coli	Absent/10 g	Complies	AOAC, BAM
Coliforms	Absent / 10 g	Complies	AOAC, BAM
Aflatoxins	< 5 ppb	Complies	UFLC-Fluro

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Description	Specification	Result	Method
Assay for Actives			
Total Withanolide (USP)	NLT 10 %	14.03%	HPLC method
Sominone	NLT 2%	2.20%	HPLC method

	Prepared by	Approved by
Signature		
Name	Balakrishna Shenoi B	Krishnaveni M S
Designation	Asst. Manager - QC	Head - QC

Additional Product information

- Material is Non-ETO, Non-Irradiated, GMO-Free and BSE-TSE free
- Allergens: No Allergens
- Storage: Store in a cool, dry place and away from direct sunlight
- Kosher and Halal Certified
- Shelf life is 24 months from the date of manufacturing
- Primary packing-LDPE cover. Secondary packing HM-HDPE Drum
- Heavy metals& Pesticide residue are tested for random bulk lots once in 6 months by an external laboratory.

Note: Since it is a herbal product, there is likely to be minor colour variation from batch to batch because of the seasonal variations of the raw materials. Colour change will not affect the quality and efficacy of the product

** Analytical method for the measurement of total withanolide content in ashwagandha extract by HPLC*

Old Product code will be valid till 01.04.2027 and further this date it will be replaced by AN Code

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