



CERTIFICATE OF ANALYSIS

Batch Details

Parameter	Details
Product	Ashwagandha Extract 1.5%
Botanical Name	<i>Withania somnifera</i>
Part Used	Roots
Batch Number	BB20260369
Batch Quantity	5000 kg
Country of Origin	India
Date of Manufacture	Feb-2026
Date of Expiry	Jan-2029
Report No.	BBR260386



Parameter	Specification	Results	Protocol #
Description	Light brown to dark brown powder	Complies	Organoleptic
Identification	To comply by HPLC	Complies	TM/0897
Solubility	Partially soluble in water	Complies	USP
Loss on Drying	Not more than 6.0%w/w	2.14%w/w	USP
Untapped Bulk Density	Between 0.30 to 0.60g/ml	0.55g/ml	USP
Tapped Bulk Density	Between 0.40 to 0.80g/ml	0.71g/ml	USP
Particle Size (40 mesh)	Not less than 95% passing	Complies	USP
Assay (Withanolides)	Not less than 1.5%	2.38%	TM/0897
Lead (Pb)	Not more than 3.0 ppm	Complies	USP
Arsenic (As)	Not more than 1.0 ppm	Complies	USP
Cadmium (Cd)	Not more than 0.5 ppm	Complies	USP
Mercury (Hg)	Not more than 0.1 ppm	Complies	USP
Total Plate Count	Not more than 3000 cfu/g	265 cfu/g	USP
Yeast & Mold Count	Not more than 100 cfu/g	20 cfu/g	USP
E. coli	Negative/10g	Negative	USP
Salmonella spp.	Negative/10g	Negative	USP

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Additional information	
Sanitizing treatment	Non-irradiated and not treated with ETO
Genetic Modification Status	GMO free
BSE / TSE status	BSE / TSE free
Manufactured by	Bio-Med Ingredients Ltd
Shelf life	3 years when stored in unopened original package at the recommended storage condition.
Packing	Packed in food grade polythene bag followed by 50 L HDPE Container.
Standard Pack size	25 kg in single HDPE/ Paper Container
Storage Condition	Store in dry, cool place, protected from light, heat and oxidation. The recommended storage temperature is below 30° C.

* The product is of herbal origin. There may be minor color difference because of the geographical and seasonal variations of the plant material.

Conclusion: This Product complies with the specifications based on the above tests conducted.