

CERTIFICATE OF ANALYSIS

Product Name	Ashwagandha Extract	Botanical Source	Withania Somnifera Radix
Part Used	Root	Manufacture Date	2024.10.14
Quantity	1000KG	Analysis Date	2024.10.20
Batch No.	BF-241014	Expiry Date	2026.10.13

Items	Specifications	Results
Assay (Withanolide)	≥ 2.50%	5.30% (HPLC)
Appearance	Brown yellow fine powder	Complies
Odor	Characteristic	Complies
Identification (TLC)	(+)	Positive
Sieve Analysis	98% pass 80 mesh	Complies
Loss on Drying	≤ 5.0%	3.45%
Total Ash	≤ 5.0%	3.79%
Heavy Metal		
Total Heavy Metal	≤ 10 ppm	Complies
Lead (Pb)	≤ 2.0 ppm	Complies
Arsenic (As)	≤ 2.0 ppm	Complies
Cadmium (Cd)	≤ 1.0 ppm	Complies
Mercury (Hg)	≤ 0.1 ppm	Complies
Microbiological Test		
Total Plate Count	≤ 1000 CFU/g	Complies
Yeast & Mold	≤ 100 CFU/g	Complies
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Package	25kg/drum.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	



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