FERN & LILY
BOTANICA

CERTIFICATE OF ANALYSIS

Product Name:	Ashwagandha	**Part Used:**	Root
Botanical Name:	*Withania somnifera*	**Date of Manufacture:**	4 June 2026
Batch Number:	#0226	**Date of Expiry:**	June 2028
Quantity:	500	**Test Date:**	4 June 2026

Item	Specification	Result	Testing Method
Assay (Withania somnifera Extract)	5% withanolides	Complies	TLC
Physical & Chemical Control			
Appearance	Brown Yellow Fine Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Colour	Brown / Dark Yellow	Complies	Visual
Sieve Analysis	100% pass 80 mesh	Complies	80mesh screen
Loss on Drying	5% Max.	2.61%	GB 5009.3
Ash	5% Max.	1.55%	GB 5009.4
As	1ppm Max	Complies	GB 5009.11
Pb	2ppm Max	Complies	GB 5009.12
Hg	0.1ppm Max.	Complies	GB 5009.17
Cd	1ppm Max	Complies	GB 5009.15
Microbiological			
Total Plate Count	1,000/g Max.	137/g	GB 4789.2
Yeast & Mold	100/g Max	＜10/g	GB 4789.15
Coliforms	10/g Max	Complies	GB 4789.3
Pathogenic bacteria	Negative	Complies	GB 4789.4, GB 4789.10
Conclusion	Complies with specification		
Storage	In cool & dry place. Keep away from strong light and heat.		
Shelf life	2 years when properly stored.		
Packing	Capsule bottle with desiccant		
Other/Notes			

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