FERN & LILY
BOTANICA

CERTIFICATE OF ANALYSIS

Product Name:	Pine needle	**Part Used:**	needles
Botanical Name:	*Pinus koraiensis*	**Date of Manufacture:**	12 February 2026
Batch Number:	#0825	**Date of Expiry:**	February 2028
Quantity:	500	**Test Date:**	12 February 2026

Item	Specification	Result	Testing Method
Assay (Pinus koraiensis Extract)	20:1	Complies	TLC
Physical & Chemical Control			
Appearance	Brown Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Colour	Brown	Complies	Visual
Sieve Analysis	100% pass 80 mesh	Complies	80mesh screen
Loss on Drying	5% Max.	3.20%	GB 5009.3
Ash	5% Max.	3.33%	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.	141/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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