

CERTIFICATE OF ANALYSIS

Product Name	Valerian root P.E.	Specification	Company Standard
Part Used	Root	Manufacture Date	2024.10.15
Quantity	500KG	Analysis Date	2024.10.21
Batch No.	BF-241015	Expiry Date	2026.10.14
Items	Specifications		Results
Appearance	Brown Fine Powder		Conforms
Assay	Valerinic Acid \geq 0.80%		0.85%
Odor & Taste	Characteristic		Conforms
Extract solvent	Ethanol & Water		Conforms
Drying Method	Spray Drying		Conforms
Loss on drying	\leq 5%		1.2%
Particle Size	95% pass 80 mesh		Conforms
Bulk Density	40-60g/100ml		Conforms
Heavy Metals	\leq 10.0ppm		Conforms
Pb	\leq 1.0 ppm		Conforms
As	\leq 1.0 ppm		Conforms
Cd	\leq 1.0 ppm		Conforms
Hg	\leq 0.1 ppm		Conforms
Total Plate Count	\leq 1000cfu/g		Conforms
Yeast & Mold	\leq 100cfu/g		Conforms
E.coli	Negative		Negative
Salmonella	Negative		Negative
Staphylococcus	Negative		Negative
Conclusion	This sample meets the specifications.		

Conclusion: Approved

Tested by: Zhang Xiaoxuan

