



武汉福鑫化工有限公司

Wuhan Fortuna Chemical Co.,Ltd

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Spikenard extract	8022-22-8	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Pale yellowish vicious liquid	Conform
Scent	Strong and durable characteristic aroma ofspikenard	Conform
Density	0.9280-0.9750	0.9490
Optical Rotation	-11 °--- -4 °	-9.55 °
Refractive Index	1.5020-1.5170	1.5122
Solubility	1ml sample dissolve in 10 ml 90%ethanol,obtaining a settled solution.	1ml sample dissolve in10 ml 90% ethanol,obtaining a settled solution.
Main ingredients	Jatamansinol, isovalericacid, Geranic acid, citronella oil	Conform
Assay	98%	98%
Conclusion	QUALIFIED.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03