

Certificate of Analysis

Product Name	Usnic Acid	Mfg. Date	2020.05.25
Botanical source	<i>Usnea DiffRACTA Vain</i>	Testing Date	2020.05.26
Batch No.	KN0320052503	Batch quantity	250kg
CAS No.	7562-61-0	Exp. Date	2022.05.24

Items	Specifications	Results
Appearance	Yellow crystalline powder	Complies
Odor	Characteristic	Complies
Specific Rotation	+32° ~+33°	+34.32 °
Loss on Drying	≤5.0%	3.64%
Heavy Metals	≤10ppm	<10ppm
Pb	<3ppm	Complies
As	<2ppm	Complies
Hg	<0.1ppm	Complies
Cd	<1ppm	Complies
Residue on ignition	≤ 0.5%	0.14%
Total Plate Count	≤1000cfu/g	<1000cfu/g
Total Yeast & Mold	≤100cfu/g	<100cfu/g
E.Coli.	Negative	Negative
Salmonella	Negative	Negative
Assay (HPLC)	≥98.0%	98.38%
Conclusion:	The product complies with Enterprise Standard.	



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