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Certificate of Analysis

Catalogue Number	22067
Lot Number	002266-1505-003
Product	(+)-Usnic acid from Usnea longissima ach 2,6-Diacetyl-7,9-dihydroxy-8,9b-dimethyldibenzofuran-1,3(2H,9bH)-dione
CAS Number	7562-61-0
Molecular Formula	C ₁₈ H ₁₆ O ₇

Appearance	Yellow crystalline powder
Heavy Metals	< 10 mg/Kg
Cation	Arsenic (As):< 1 mg/Kg
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] ²⁰ _D = +503 ° (C = 0.4% in Chloroform)
Loss on Drying	0.03%
Residual Solvents	Ethyl acetate: 39 mg/Kg
E. Coli, Salmonella, S.Aureus	Negative
Microbial Count	< 1000 cfu/g (Total plate count)
Purity by HPLC	99.65%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager