

CERTIFICATE OF ANALYSIS

Product Name	Curvularin
Source	From Penicillium citrinum
Molecular Formula	C ₁₆ H ₂₀ O ₅
Molecular Weight	292.3
CAS Number	10140-70-2
Lot Number	CU001
Test	Results
Appearance	White powder
Solubility	Methanol: Clear colorless solution at 10mg/ml
TLC (NP, DCM: methanol 100: 8)	99%
TLC (RP C18, Methanol: H ₂ O 9: 1)	99%
Detection: Spray with H ₂ SO ₄ and heat	
HPLC (Gradient H ₂ O → AcetoNitrile, 271nm)	99.88 %
Melting point	203 °C -205°C
Lambda max. (methanol)	223, 271nm

*Curvularin may be soluble in other solvents.

Expiration date: January 2020

January 24, 2017



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