

CERTIFICATE OF ANALYSIS

Product Name	Citrinin
Source	From Penicillium citrinum
Molecular Formula	C ₁₃ H ₁₄ O ₆
Molecular Weight	250.25
CAS Number	518-75-2
Lot Number	C005

Test	Results
Appearance	Yellow crystals
Solubility *	CH ₂ Cl ₂ : Clear yellow solution at 10mg/ml
TLC (NP, toluene, ETOAC, HCOOH 6:3:1)	99%
TLC (RP C18, methanol, H ₂ O 9:1)	99%
Detection: Spray with H ₂ SO ₄ and heat	
HPLC	99.29%
Melting point	175 - 176°C

*Citrinin may be soluble in other solvents.

Expiration date: June 2018

June 2, 2016



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