

CERTIFICATE OF ANALYSIS

Product Name	10, 11 - Dehydrocurvularin
Source	From Penicillium citrinum
Molecular Formula	C ₁₆ H ₁₈ O ₅
Molecular Weight	290.31
CAS Number	1095588-70-7
Lot Number	DCU001

Test	Results
Appearance	White powder
Solubility*	methanol: Clear colorless solution at 20 mg/ml
TLC (NP, DCM: methanol 95: 5)	Single stain on TLC plate
TLC (RP C18, methanol: H ₂ O 9: 1)	Single stain on TLC plate
Detection: H ₂ SO ₄	
HPLC: (gradient ACN : H ₂ O, 10 → 100%, 287nm)	100%%
Melting point:	220°C -223°C
NMR	Complies with structure

*Dehydrocurvularin may be soluble in other solvents.

Expiration date: February 2020

February 13, 2017



Yosef Behrend Ph.D



4 Yatziv St. P.O.B. 47120 Jerusalem 9780046 Israel

Tel: 972-2-5853953 • Fax: 972-2-5853943 • Website: www.fermentek.com