



FERMENTEK Ltd.

25 Yatziv st, POB 47120
Jerusalem 97800, Israel
Tel: +972 2 5853953
Fax: +972 2 5853943

eMail: sales@fermentek.com
Website: www.fermentek.co.il



CERTIFICATE OF ANALYSIS

Product Name	Deoxynivalenol
Source	From Fusarium sp.
Molecular Formula	C₁₅H₂₀O₆
Molecular Weight	296.32
CAS Number	51481-10-8
Lot Number	DON011

Test	Results
Appearance	White with faint yellow powder
Solubility*	Methanol/ ETOAC: Clear colorless solution at 10mg/ml
TLC (NP, CH₂Cl₂, methanol 95:5)	>99%
TLC (NP, Toluene, Ethyl acetate 1:3)	>99%
TLC (RP C18, methanol, H₂O 8:2)	>99%
Detection: Spray with H₂SO₄ and heat	
Melting point	155°C
HPLC (RP,C18 (CH₃CN: H₂O 0%⇒100% in 20 min., 220nm)	99.83%

*Deoxynivalenol may be soluble in other solvents.

Expiration date: February 2017

February 24, 2014

Yosef Behrend Ph.D