



CERTIFICATE OF ANALYSIS

Standard Solution of Zearalenone	
Lot Number	SSZ001
Solvent	Acetonitrile HPLC grade Supra-gradient, 99.97%
Test	Results
Appearance	Clear colorless solution
Purity (HPLC)	99.84%
Concentration (by HPLC)	104.45 ± 0.93 µg/ml
Expiry date	March 4, 2010
Storage	4°C

Starting material	
Product Name	Zearalenone From Giberella zeae
Molecular Formula	C ₁₈ H ₂₂ O ₅
Molecular Weight	318.4
CAS Number	17924-92-4
Lot Number	Z008
Test	Results
TLC (NP)	99%
TLC (RP)	99%
HPLC	99.84%
Melting point	167°C

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Precautions: The normal laboratory safety precautions should be observed when working with this standard solution. Further details for handling Zearalenone are available as MSDS data sheet at our website: www.fermentek.co.il

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