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CERTIFICATE OF ANALYSIS

Product Name	3-Acetyl-Deoxynivalenol
Molecular Formula	C ₁₇ H ₂₂ O ₇
Molecular Weight	338.4
CAS Number	50722-38-8
Lot Number	AD001

Test	Results
Appearance	White powder with faint yellow cast
Solubility*	10 mg/ml Etoac, 10 mg/ml MeOH: Clear colorless solution
TLC(NP, Etoac, Toluene 3:1)	>99%
TLC (NP, CH₂Cl₂/MeOH 95:5)	>99%
TLC (RP MeOH/ H₂O 9: 1)	>99%
Detection	Spray Anisaldehyde Reagent
Melting point	188-189°C

*3-Acetyl-Deoxynivalenol may be soluble in other solvents.

February 23, 2009

Yosef Behrend Ph.D