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CERTIFICATE OF ANALYSIS

Product Name	Anisomycin
Source	From Streptomyces griseolus
Molecular Formula	C₁₄H₁₉NO₄
Molecular Weight	265.3
CAS Number	22862-76-6
Lot Number	AN033A

Test	Results
Appearance	White powder
Solubility*	ETOAC: Clear colorless solution at 10mg/ml
TLC (NP, CH₂Cl₂, methanol 85:15)	>99%
TLC (NP, nButanol, H₂O, ACOH 60:25:15)	>99%
TLC (NP NH₄OH, nButanol 8:2)	>99%
Detection: Spray with H₂SO₄ and heat	
Melting point	142°C

*Anisomycin may be soluble in other solvents.

Expiration date: May 2016

May 17, 2009

Yosef Behrend Ph.D