



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-218706  
Lot Number: SAMPLE  
Product Name: Methotrexate Dimethyl Ester  
CAS Number: 34378-65-9  
Molecular Formula:  $C_{22}H_{26}N_8O_5$   
Molecular Weight: 482.49  
Native Source: Synthetic

Test	Specification	Result
Appearance		Brownish Yellow Solid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (TLC)		97%
Atmosphere		Air
Melting Point		150 - 165 °C
Solubility		Dimethyl sulfoxide, Methanol

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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