



*The Power to Question*

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-216896  
Lot Number: SAMPLE  
Product Name: 4-Keto 13-cis-Retinoic Acid Methyl Ester  
CAS Number: 71748-57-7  
Molecular Formula:  $C_{21}H_{28}O_3$   
Molecular Weight: 328.45  
Native Source: Synthetic

Test	Result
Appearance	Yellow solid
Identification ( $^1H$ -NMR)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (TLC)	98%
Atmosphere	Air
Melting Point	78 - 82 °C
Solubility	Chloroform, ethyl acetate

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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