



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-212581
Lot Number: SAMPLE
Product Name: Prednisone 21-Aldehyde
CAS Number: 70522-55-3
Molecular Formula: $C_{21}H_{24}O_5$
Molecular Weight: 356.41

Test	Specification	Result
Appearance		Off-white to pale yellow solid
Identification (1H-NMR)		Complies
Identification (Mass Spectrometry)		Complies
Purity (TLC)		85 %
Atmosphere		Inert gas
Melting Point		> 143 °C (dec.)
Carbon Content	67.36 %	66.73 %
Dichloromethane		5.6 %
Hydrogen Content	7.00 % (hydrate)	7.33 %

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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