



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-205749
Lot Number: SAMPLE
Product Name: Methylprednisolone
CAS Number: 83-43-2
Molecular Formula: $C_{22}H_{30}O_5$
Molecular Weight: 374.47

Test	Result
Appearance	White crystalline powder
Assay	98.8% (anhydrous)
Identification (Infrared Spectrum)	Complies
TLC	One spot, Rf = 0.16
Melting Point	245.3 - 251.4 °C (dec.)
Solubility	Soluble in most organic solvents and insoluble in water.
Optical Rotation	+82.9° (diox)
Loss on Drying	0.2%
Related Substances	Complies

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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