



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205715
Lot Number: SAMPLE
Product Name: Hydrocortisone 21-acetate
CAS Number: 50-03-3
Molecular Formula: $C_{23}H_{32}O_6$
Molecular Weight: 404.50

Test	Specification	Result
Appearance	White crystal powder	Complies
Assay (UPLC)	$\geq 98.0 \%$	98 %
Identification	Conform to standard	Complies
Melting Point	$\sim 220 \text{ }^{\circ}\text{C}$	218.5 $^{\circ}\text{C}$
Residue on Ignition	0.0	0.0
Specific Rotation	$+158^{\circ} \sim +165^{\circ}$	$+162.4^{\circ}$
Loss on Drying	$\leq 0.5 \%$	0.23 %
Related Substances	Individual impurity: $\leq 0.5 \%$	0.38 %
	Total impurities: $\leq 1.5 \%$	1.39 %

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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