



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-211753
Lot Number: SAMPLE
Product Name: Loteprednol Etabonate
CAS Number: 82034-46-6
Molecular Formula: $C_{24}H_{31}ClO_7$
Molecular Weight: 466.95

Test	Specification	Result
Appearance	White to off-white powder	Complies
Assay (dried basis)	98-102%	99.5%
Identification	IR: Conforms Max. absorption is in the wavelength 245 nm	Complies
Residue on ignition	≤0.1%	0.07%
Solubility	Freely soluble in chloroform. Insoluble in water. Sparingly soluble in acetone. Slightly soluble in methanol.	Complies
Heavy metals	≤10 ppm	Complies
Loss on drying	≤0.5%	0.10%
Related substances	Single impurity ≤0.2% Total impurities ≤0.5%	0.14% 0.34%
Chloride	≤0.01%	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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