

Certificate of Analysis

Date of Testing: 2024-01-24 11:26:02

Date of Next Testing: 2028-01-23 11:26:02

Product Name: **Hydrocortisone 21-acetate**

CAS Number: 50-03-3

Specifications & Purity: 98%

Lot #: A2416461

SKU #: **H102192**

Analysis: **297979**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.92100 %
Loss on drying	0-1 (%)	0.36 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 (°)	168.91 °
Appearance (H102192)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH	almost transparency	almost transparency
UV-vis	pass	Pass



John Su
QA & QC Manager