

Certificate of Analysis

Date of Testing: 2023-04-14 14:15:58

Date of Next Testing: 2027-04-13 14:15:58

Product Name: **Hydrocortisone 21-acetate**

CAS Number: 50-03-3

Specifications & Purity: 98%

Lot #: F1928122

SKU #: **H102192**

Analysis: **211444**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.31260 %
Loss on drying	0-1 (%)	0.50 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 (°)	167.32 °
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