

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-15 17:10:55

Date of Next Testing: 2027-05-14 17:10:55

Product Name: **Hydrocortisone 21-acetate**

CAS Number: 50-03-3

Specifications & Purity: $\geq 98\%$

Lot #: E2310500

SKU #: **H102192**

Version: **0**

Analysis #: **170311**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.08600 %
Loss on drying	0-1 (%)	0.32600 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 ($^{\circ}$)	168.79000 $^{\circ}$
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