

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-24 11:35:52
 Date of Next Testing: 2028-01-23 11:35:52
 Product Name: **Hydrocortisone 21-acetate**
 CAS Number: 50-03-3
 Specifications & Purity: $\geq 98\%$
 Lot #: A2416422
 SKU #: **H102192**
 Version: **0**
 Analysis #: **297979**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.92100 %
Loss on drying	0-1 (%)	0.36000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 ($^{\circ}$)	168.91000 $^{\circ}$
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