

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-05 10:42:33
 Date of Next Testing: 2030-08-04 10:42:33
 Product Name: **Hydrocortisone 21-acetate**
 CAS Number: 50-03-3
 Specifications & Purity: $\geq 98\%$
 Lot #: J2219158
 SKU #: **H102192**
 Version: **0**
 Analysis #: **748529**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.31200 %
Loss on drying	0-1 (%)	0.50000 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 ($^{\circ}$)	167.30000 $^{\circ}$
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