

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-15 17:05:31  
Date of Next Testing: 2027-05-14 17:05:31  
Product Name: **Hydrocortisone 21-acetate**  
CAS Number: 50-03-3  
Specifications & Purity: 98%  
Lot #: E2310492  
SKU #: **H102192**  
**Analysis: 170311**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.08600 %
Loss on drying	0-1 (%)	0.33 %
Specific Rotation $[\alpha]_{20/D}(c=0.5 \text{ in Dioxane})$	163-169 (°)	168.79 °
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