

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-12 16:24:45
 Date of Next Testing: 2027-01-11 16:24:45
 Product Name: **Hydrocortisone 17-Butyrate**
 CAS Number: 13609-67-1
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: C1920118
 SKU #: **H157369**
 Version: **0**
 Analysis #: **177914**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	210-214 (°C)	213.80000 °C
Purity(HPLC)	98-100 (%)	99.10000 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in CHCL}_3)$ (Anhydrous)	48-52 (°)	48.63000 °
Loss on drying	0-1 (%)	0.51000 %
Appearance (H157369)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager