

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-07 16:23:25
 Date of Next Testing: 2026-06-06 16:23:25
 Product Name: **Hydrocortisone 17-Butyrate**
 CAS Number: 13609-67-1
 Specifications & Purity: $\geq 98\%$ (HPLC)
 Lot #: F2202235
 SKU #: **H157369**
 Version: **0**
 Analysis #: **082544**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	210-214 (°C)	210.95000 °C
Purity(HPLC)	98-100 (%)	99.75200 %
Specific Rotation $[\alpha]_{20/D}(c=0.1 \text{ in CHCL}_3)$ (Anhydrous)	48-52 (°)	49.53800 °
Loss on drying	0-1 (%)	0.13480 %
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