

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-13 13:36:47
 Date of Next Testing: 2027-10-13 13:36:47
 Product Name: **betamethasone 21-phosphate sodium**
 CAS Number: 151-73-5
 Specifications & Purity: Moligand™, ≥97%
 Lot #: I2526197
 SKU #: **B132147**
 Version: **0**
 Analysis #: **576205**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.38000 %
Purity(Nonaqueous Titration)	97-100 (%)	98.95000 %
Water by Karl Fischer	0-10 (%)	5.00120 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O in calcd. on anhydrous substance)	99-105 (°)	103.68000 °
Appearance (B132147)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager