

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-19 15:22:53
 Date of Next Testing: 2025-09-18 15:22:53
 Product Name: **betamethasone 21-phosphate sodium**
 CAS Number: 151-73-5
 Specifications & Purity: $\geq 97\%$
 Lot #: L2431041
 SKU #: **B132147**
 Version: **0**
 Analysis #: **278123**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in calcd. on anhydrous substance})$	99-105 ($^{\circ}$)	99.21300 $^{\circ}$
Purity(HPLC)	97-100 (%)	98.84000 %
Purity(Nonaqueous Titration)	97-100 (%)	99.00000 %
Water by Karl Fischer	0-10 (%)	7.86650 %
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