

Certificate of Analysis

Date of Testing: 2025-03-19 14:59:20

Date of Next Testing: 2027-03-19 14:59:20

Product Name: **betamethasone 21-phosphate sodium**

CAS Number: 151-73-5

Specifications & Purity: $\geq 97\%$

Lot #: E2323333

SKU #: **B132147**

Version: **0**

Analysis #: **481405**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	97.95800 %
Purity(Nonaqueous Titration)	97-100 (%)	97.60 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in calcd. on anhydrous substance})$	99-105 ($^{\circ}$)	102.10 $^{\circ}$
Water by Karl Fischer	0-10 (%)	9.98 %
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