

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 #: L2110252

SKU #: **B132147**

Version: **0**

Analysis #: **278123**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O in calcd.on anh.substance})$	99-105 (°)	99.21°
Purity(HPLC)	97-100 (%)	98.84000 %
Purity(Nonaqueous Titration)	97-100 (%)	99.00 %
Water by Karl Fischer	0-10 (%)	7.87 %
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