

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 10:46:32

Date of Next Testing: 2029-05-18 10:46:32

Product Name: **Dexamethasone 21-phosphate disodium salt**

CAS Number: 2392-39-4

Specifications & Purity: Moligand™, ≥98%

Lot #: H2105110

SKU #: **D107196**

Version: **1**

Analysis #: **510445**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ethanol	0-1 (%)	0.30000 %
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)(calcd.on anh.substance)	76-80 (°)	76.60000 °
Appearance (D107196)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager