

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-20 16:32:52
 Date of Next Testing: 2026-10-19 16:32:52
 Product Name: **Dexamethasone 21-phosphate disodium salt**
 CAS Number: 2392-39-4
 Specifications & Purity: Moligand™, ≥98%
 Lot #: A1904240
 SKU #: **D107196**
 Version: **1**
 Analysis #: **146701**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ethanol	0-1 (%)	0.58600 %
Purity(HPLC)	98-100 (%)	99.48500 %
Specific Rotation [α] _{20/D} (c=1 in H ₂ O)(calcd.on anh.substance)	76-80 (°)	78.25000 °
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