

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-09-06 14:13:00
Date of Next Testing:	2028-09-05 14:13:00
Product Name:	Dexamethasone 21-phosphate disodium salt
CAS Number:	2392-39-4
Specifications & Purity:	98%
Lot #:	H2429033
SKU #	D107196
Version	1
Analysis #:	176094
Storage Temperature:	Store at -20°C, Argon charged

Parameter	Limit Values	Result
Ethanol	0-1 (%)	0.36 %
Purity(HPLC)	98-100 (%)	98.96300 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})(\text{calcd. on anh. substance})$	76-80 (°)	76.33°
Appearance (D107196)	White to Off-White Powder	White to Off-White Powder
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager