

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-03 10:18:08

Date of Next Testing: 2030-04-02 10:18:08

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

CAS Number: 2392-39-4

Specifications & Purity: Moligand™, ≥98%

Lot #: D2601357

SKU #: **D107196**

Version: **1**

Analysis #: **669887**

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

| Parameter                                                                               | Limit Values              | Result                    |
|-----------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Ethanol                                                                                 | 0-1 (%)                   | 0.50000 %                 |
| Purity(HPLC)                                                                            | 98-100 (%)                | 99.26600 %                |
| Specific Rotation [α] <sub>20/D</sub> (c=1 in H <sub>2</sub> O)(calcd.on anh.substance) | 76-80 (°)                 | 76.20000 °                |
| Appearance (D107196)                                                                    | White to Off-White Powder | White to Off-White Powder |
| Proton NMR spectrum                                                                     | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)   | pass                      | Pass                      |
| Infrared spectrum                                                                       | Conforms to Structure     | Conforms to Structure     |



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QA & QC Manager