

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-17 09:03:12

Date of Next Testing: 2026-10-16 09:03:12

Product Name: **Dexamethasone 21-acetate**

CAS Number: 1177-87-3

Specifications & Purity: $\geq 98\%$

Lot #: J2211848

SKU #: **D102176**

Version: **0**

Analysis #: **131282**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in Dioxane})$	84-90 (°)	89.95700°
Purity(HPLC)	98-100 (%)	99.56900%
Appearance (D102176)	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



John Su
QA & QC Manager