

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-12-22 10:06:09
Date of Next Testing: 2027-12-21 10:06:09
Product Name: **Dexamethasone**
CAS Number: 50-02-2
Specifications & Purity: 98%
Lot #: L2318362
SKU #: **D137736**
Analysis: **301383**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] _D 20/D(c=1 in Dioxane)	72-80 (°)	78.91°
Purity(HPLC)	98-100 (%)	99.53300%
UV-vis spectrum E1%(240nm 1mg/100ml in EtOH)	380-410	409.97000
Appearance (D137736)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Clear Colorless,25mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager