

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-17 11:14:31
 Date of Next Testing: 2028-01-17 11:14:31
 Product Name: **Dexamethasone**
 CAS Number: 50-02-2
 Specifications & Purity: BioReagent, for cell culture, Moligand™, ≥97%, powder
 Lot #: A2514340
 SKU #: **D754934**
 Version: **1**
 Analysis #: **454814**
 Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	100.00000 %
Loss on drying	0-0.5 (%)	0.00 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	72-80 (°)	76.47°
UV-VIS spectrumEmM(Lambda max 239 - 241nm in Methanol)	15.0-15.5	15.50000
Appearance(D754934)	White to off-white powder	White to Off-White Powder
Solubility in MeOH,Clear Colorless,25mg/ml	Pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager