

## Certificate of Analysis

Date of Testing: 2025-01-17 11:13:54  
Date of Next Testing: 2029-01-16 11:13:54  
Product Name: **Dexamethasone**  
CAS Number: 50-02-2  
Specifications & Purity:  $\geq 98\%$   
Lot #: A2514304  
SKU #: **D137736**  
Version: **1**  
Analysis #: **464626**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in Dioxane)	72-80 (°)	76.47°
Purity(HPLC)	98-100 (%)	100.00000 %
UV-vis spectrum E1%(240nm 1mg/100ml in EtOH)	380-410	401.61000
Appearance (D137736)	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
Solubility in MeOH , Clear Colorless,25mg/ml	pass	Pass



John Su  
QA & QC Manager