

## Certificate of Analysis

Date of Testing: 2024-10-10 10:21:19  
Date of Next Testing: 2028-10-09 10:21:19  
Product Name: **Dexamethasone**  
CAS Number: 50-02-2  
Specifications & Purity: 98%  
Lot #: J2408367  
SKU #: **D137736**  
Version: **1**  
Analysis #: **407784**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in Dioxane)	72-80 (°)	79.98°
UV-vis spectrum E1%(240nm 1mg/100ml in EtOH)	380-410	404.95050
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