

## Certificate of Analysis

Date of Testing: 2024-06-12 15:39:39  
Date of Next Testing: 2028-06-11 15:39:39  
Product Name: **Dexamethasone**  
CAS Number: 50-02-2  
Specifications & Purity: 98%  
Lot #: F2401135  
SKU #: **D137736**  
Version: **1**  
Analysis #: **358495**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in Dioxane)	72-80 (°)	77.77°
Purity(HPLC)	98-100 (%)	99.50600%
UV-vis spectrum E1%(240nm 1mg/100ml in EtOH)	380-410	410.00000
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