

Certificate of Analysis

Date of Testing: 2024-05-17 15:49:41
Date of Next Testing: 2028-05-16 15:49:41
Product Name: **Dexamethasone**
CAS Number: 50-02-2
Specifications & Purity: 98%
Lot #: E2416548
SKU #: **D137736**
Version: **1**
Analysis #: **336948**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.81100%
UV-vis spectrum E1%(240nm 1mg/100ml in EtOH)	380-410	410.00000
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	72-80 (°)	79.87°
Appearance (D137736)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Clear Colorless,25mg/ml	pass	Pass



John Su
QA & QC Manager