

Certificate of Analysis

Date of Testing: 2022-11-15 17:48:50
Date of Next Testing: 2026-11-14 17:48:50
Product Name: **Dexamethasone**
CAS Number: 50-02-2
Specifications & Purity: 98%
Lot #: K2210230
SKU #: **D137736**
Analysis: **155992**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	72-80 (°)	77.08°
UV-vis spectrum EmM(240nm 1mg/100ml in EtOH)	380-410	400.55
Purity(HPLC)	98-100 (%)	98.17660%
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