

Certificate of Analysis

Date of Testing: 2023-08-28 10:45:58
Date of Next Testing: 2027-08-27 10:45:58
Product Name: **Corticosterone**
CAS Number: 50-22-6
Specifications & Purity: 98%
Lot #: H2324183
SKU #: **C104537**
Analysis: **259043**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.52800 %
Melting point	180-183 (°C)	180.51000 °C
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	221-226 (°)	225.10 °
Appearance (C104537)	white to off-white powder, crystals and/or chunks	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot MeOH , very faint turbidity	pass	Pass



John Su
QA & QC Manager