

Certificate of Analysis

Date of Testing: 2024-12-21 14:59:38

Date of Next Testing: 2028-12-20 14:59:38

Product Name: **Corticosterone**

CAS Number: 50-22-6

Specifications & Purity: Moligand™, ≥98%

Lot #: L2418784

SKU #: **C104537**

Version: **0**

Analysis #: **441951**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76900 %
Melting point	177-185 (°C)	180.48000 °C
Specific Rotation [α] _{20/D} (c=1 in EtOH)	221-226 (°)	231.07 °
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