

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-06 11:22:20
 Date of Next Testing: 2029-02-05 11:22:20
 Product Name: **Corticosterone**
 CAS Number: 50-22-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: A2521138
 SKU #: **C104537**
 Version: **0**
 Analysis #: **461222**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.76800 %
Melting point	177-185 (°C)	180.55000 °C
Specific Rotation [α] _{20/D} (c=1 in EtOH)	220-240 (°)	231.84800 °
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