

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-08-01 11:24:15
Date of Next Testing: 2028-07-31 11:24:15
Product Name: **Corticosterone**
CAS Number: 50-22-6
Specifications & Purity: 98%
Lot #: G2425161
SKU #: **C104537**
Version: **0**
Analysis #: **381364**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.71400 %
Melting point	177-185 (°C)	179.42000 °C
Specific Rotation [α] ₂₀ /D(c=1 in EtOH)	221-226 (°)	239.30 °
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