

## Certificate of Analysis

Date of Testing: 2024-08-01 11:21:45  
Date of Next Testing: 2028-07-31 11:21:45  
Product Name: **Corticosterone**  
CAS Number: 50-22-6  
Specifications & Purity: 98%  
Lot #: G2425159  
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] <sub>20</sub> /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