

## Certificate of Analysis

Date of Testing: 2023-02-06 19:47:52  
Date of Next Testing: 2027-02-05 19:47:52  
Product Name: **Corticosterone**  
CAS Number: 50-22-6  
Specifications & Purity: 98%  
Lot #: B2302957  
SKU #: **C104537**  
**Analysis:** **172785**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.34400 %
Melting point	180-183 (°C)	181.62000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in EtOH)	221-226 (°)	225.90 °
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