

## Certificate of Analysis

Date of Testing: 2024-12-21 15:02:59

Date of Next Testing: 2028-12-20 15:02:59

Product Name: **Corticosterone**

CAS Number: 50-22-6

Specifications & Purity: Moligand™, ≥98%

Lot #: L2418775

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] <sub>20/D</sub> (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                                              |



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