

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-08 17:16:01

Date of Next Testing: 2030-08-07 17:16:01

Product Name: **Progesterone**

CAS Number: 57-83-0

Specifications & Purity: Moligand™, ≥98%

Lot #: H2603093

SKU #: **P106426**

Version: **0**

Analysis #: **159404**

Storage Temperature: Room temperature

| Parameter                                              | Limit Values                                   | Result                                         |
|--------------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Melting point                                          | 126-131 (°C)                                   | 129.32000 °C                                   |
| Purity(HPLC)                                           | 98-100 (%)                                     | 99.78900 %                                     |
| Purity(UV method)                                      | 98-102 (%)                                     | 99.63000 %                                     |
| Specific Rotation [α] <sub>20</sub> /D(c=2 in Dioxane) | 179-185 (°)                                    | 179.01000 °                                    |
| Appearance (P106426)                                   | white to grey powder or crystals and/or chunks | white to grey powder or crystals and/or chunks |
| Infrared spectrum                                      | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager