

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-17 15:21:46
Date of Next Testing: 2025-10-17 15:21:46
Product Name: **Progesterone**
CAS Number: 57-83-0
Specifications & Purity: Moligand™, ≥99%
Lot #: C2331037
SKU #: **P276608**
Version: **1**
Analysis #: **422276**
Storage Temperature: Store at 2-8°C, Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Melting point | 126-133 (°C) | 128.80000 °C |
| Purity(HPLC) | 99-100 (%) | 99.20000 % |
| Specific Rotation [α] ₂₀ /D(c=2 in Dioxane) | 179-185 (°) | 182.20 ° |
| Appearance (P276608) | white to grey powder or crystals and/or chunks | white to grey powder or crystals and/or chunks |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in Methanol | almost transparency | almost transparency |



John Su
QA & QC Manager