

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-07-24 09:17:38  
Date of Next Testing: 2025-07-24 09:17:38  
Product Name: **Progesterone**  
CAS Number: 57-83-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: G2422184  
SKU #: **P276608**  
Version: **1**  
Analysis #: **369126**  
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Melting point	126-133 (°C)	131.28000 °C
Purity(HPLC)	99-100 (%)	99.36400 %
Specific Rotation $[\alpha]_{20/D}(c=2$ in Dioxane)	179-185 (°)	179.12 °
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