

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-09 16:57:49  
Date of Next Testing: 2025-05-09 16:57:49  
Product Name: **Progesterone**  
CAS Number: 57-83-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: D2426102  
SKU #: **P276608**  
**Analysis:** **014575**  
Storage Temperature: Store at 2-8°C, Desiccated

Parameter	Limit Values	Result
Melting point	126-133 (°C)	129.42000 °C
Purity(HPLC)	99-100 (%)	99.08400 %
Specific Rotation [a] <sub>D</sub> 20/D(c=2 in Dioxane)	179-185 (°)	179.01 °
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