

Certificate of Analysis

Date of Testing: 2024-07-24 13:48:24
Date of Next Testing: 2025-07-24 13:48:24
Product Name: **Progesterone**
CAS Number: 57-83-0
Specifications & Purity: $\geq 99\%$
Lot #: G2422180
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