

Certificate of Analysis

Date of Testing: 2023-11-09 11:34:14
Date of Next Testing: 2024-11-08 11:34:14
Product Name: **Progesterone**
CAS Number: 57-83-0
Specifications & Purity: $\geq 99\%$
Lot #: G2107250
SKU #: **P276608**
Analysis: **293759**
Storage Temperature: Store at 2-8°C, Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Melting point | 126-133 (°C) | 128.89000 °C |
| Purity(HPLC) | 99-100 (%) | 99.21000 % |
| Specific Rotation [a] ₂₀ /D(c=2 in Dioxane) | 179-185 (°) | 182.35 ° |
| 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 |



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QA & QC Manager