

Certificate of Analysis

Date of Testing: 2022-12-13 14:52:33

Date of Next Testing: 2026-12-12 14:52:33

Product Name: **Progesterone**

CAS Number: 57-83-0

Specifications & Purity: USP grade

Lot #: L2209848

SKU #: **P106427**

Analysis: 167748

Parameter	Limit Values	Result
Specific Rotation [a] _D ²⁰ /D(c=2 in Dioxane)	175-183 (°)	179.01 °
Loss on drying	0-0.5 (%)	0.10 %
Purity(as dry basis)	97-100 (%)	99.79 %
Melting point	126-131 (°C)	129.32000 °C
Appearance (P106427)	white to grey powder or crystals and/or chunks	white to grey powder or crystals and/or chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Residual Solvents USP <467>	meets the requirements	meets the requirements



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QA & QC Manager