

## Certificate of Analysis

Date of Testing: 2022-08-02 17:03:24

Date of Next Testing: 2026-08-01 17:03:24

Product Name: **Progesterone**

CAS Number: 57-83-0

Specifications & Purity: USP grade

Lot #: G2230298

SKU #: **P106427**

**Analysis: 120960**

Parameter	Limit Values	Result
Specific Rotation [a] <sub>D</sub> <sup>20</sup> /D(c=2 in Dioxane)	175-183 (°)	179.46 °
Loss on drying	0-0.5 (%)	0.20 %
Purity(as dry basis)	97-100 (%)	98.63 %
Melting point	126-131 (°C)	128.60000 °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