

## Certificate of Analysis

Date of Testing: 2023-08-01 09:25:24  
Date of Next Testing: 2024-07-31 09:25:24  
Product Name: **Progesterone**  
CAS Number: 57-83-0  
Specifications & Purity:  $\geq 99\%$   
Lot #: B2209087  
SKU #: **P276608**  
**Analysis:** **257814**  
Storage Temperature: Store at 2-8°C, Desiccated

| Parameter  | Limit Values                                   | Result   |
|--|--|--|
| Melting point  | 126-133 (°C)                                   | 128.50000 °C                                   |
| Purity(HPLC)   | 99-100 (%)                                     | 99.05400 %                                     |
| Specific Rotation [a] <sub>20</sub> /D(c=2 in Dioxane) | 179-185 (°)                                    | 181.40 °                                       |
| 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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