

Certificate of Analysis

Date of Testing: 2024-03-11 13:45:39
Date of Next Testing: 2027-03-11 13:45:39
Product Name: **Pregna-4,6-diene-3,20-dione**
CAS Number: 1162-56-7
Specifications & Purity: $\geq 98\%$
Lot #: B2426705
SKU #: **P302256**
Analysis: **315671**
Storage Temperature: Store at 2-8°C, Desiccated

| Parameter | Limit Values | Result |
|--|--|--|
| Purity(HPLC area) | 98-100 (%) | 99.89% |
| Melting point | 141-148 (°C) | 146.68000 °C |
| Specific Rotation $[\alpha]_{20/D}(c=1$ in EtOH) | 140-155 (°) | 152.25 ° |
| Appearance(P302256) | White to Orange to Green powder to crystal | White to Orange to Green powder to crystal |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



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QA & QC Manager