

## Certificate of Analysis

Date of Testing: 2025-01-08 16:09:50  
Date of Next Testing: 2029-01-07 16:09:50  
Product Name: **5 $\alpha$ -Pregnane-3,20-dione**  
CAS Number: 566-65-4  
Specifications & Purity:  $\geq$ 97%  
Lot #: D2114265  
SKU #: **A304014**  
Version: **0**  
Analysis #: **459434**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.30000 %
Melting point	202-206 (°C)	203.10000 °C
Specific Rotation [a] <sub>20</sub> /D(c=1 CHCL <sub>3</sub> )	113-123 (°)	121.40 °
Appearance (A304014Form)	Powder to crystal	Powder to crystal
Appearance (A304014Color)	White to pale yellow	White to pale yellow
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager