

## Certificate of Analysis

Date of Testing: 2024-01-02 10:33:07  
Date of Next Testing: 2027-01-01 10:33:07  
Product Name: **4-Pregnene-3,11,20-trione**  
CAS Number: 516-15-4  
Specifications & Purity:  $\geq 97.0\%$   
Lot #: D2102119  
SKU #: **K170722**  
**Analysis:** **309893**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.30000 %
Melting point	173-177 (°C)	174.56000 °C
Specific Rotation [a] <sub>D</sub> (c=1 CHCL <sub>3</sub> )	270-285 (°)	274.00 °
Appearance (K170722Color)	White to Dark Green	White to Dark Green
Appearance (K170722Form)	Powder to crystal	Powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager