

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-09 12:07:33
Date of Next Testing: 2025-12-08 12:07:33
Product Name: **4-Pregnene-3,11,20-trione**
CAS Number: 516-15-4
Specifications & Purity: $\geq 97.0\%$
Lot #: L2205241
SKU #: **K170722**
Analysis: 141644
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.90000 %
Melting point	173-177 (°C)	176.50000 °C
Specific Rotation [a] _D (c=1 CHCL ₃)	270-285 (°)	280.10 °
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