

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-14 18:47:08
 Date of Next Testing: 2027-05-04 18:47:08
 Product Name: **4-Androsten-11 β -ol-3,17-dione**
 CAS Number: 382-44-5
 Specifications & Purity: $\geq 98\%$
 Lot #: E2509077
 SKU #: **A118720**
 Version: **0**
 Analysis #: **514791**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.94000 %
Specific Rotation $[\alpha]_{20/D}(c=0.517 \text{ in EtOH})$	197-209 (°)	208.32000 °
Appearance (A118720)	White to Yellow Cast Powder	White to Yellow Cast Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , colorless to faint yellow, Clear,50 mg/mL	pass	Pass



John Su
QA & QC Manager