

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-09 14:08:01
 Date of Next Testing: 2026-02-08 14:08:01
 Product Name: **4-Androsten-3-One-5-Ene-17-Carboxylic Acid**
 CAS Number: 302-97-6
 Specifications & Purity: $\geq 98\%$
 Lot #: B2302675
 SKU #: **A192627**
 Version: **0**
 Analysis #: **169628**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{25/D}(c=0.5 \text{ in MeOH})$	140-150 ($^{\circ}$)	144.48400 $^{\circ}$
Purity(HPLC)	98-100 (%)	99.45200 %
Appearance (A192627)	White to off-white solid	White to off-white solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager