

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-23 09:38:18

Date of Next Testing: 2028-12-22 09:38:18

Product Name: **11a,16b,17,21-Tetrahydroxy-pregna-1,4-diene-3,20-dione**

CAS Number: 13951-70-7

Specifications & Purity: $\geq 97\%$

Lot #: L2516596

SKU #: **T302804**

Version: **2**

Analysis #: **628844**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	99.92700 %
Melting point	229-238 ($^{\circ}\text{C}$)	234.17000 $^{\circ}\text{C}$
Specific rotation $[\alpha]_{20/D}(\text{C}=0.4 \text{ in Methanol})$	72-79 ($^{\circ}$)	73.04100 $^{\circ}$
Appearance (T302804)	White to Light Yellow Solid	white to light yellow solid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager