

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-22 10:08:13

Date of Next Testing: 2028-12-21 10:08:13

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

CAS Number: 13951-70-7

Specifications & Purity: $\geq 97\%$

Lot #: L2516594

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 (°C)	234.17000 °C
Specific rotation $[\alpha]_{20/D}(C=0.4 \text{ in Methanol})$	72-79 (°)	73.04100 °
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