

Certificate of Analysis

Date of Testing: 2024-12-06 17:35:51
 Date of Next Testing: 2027-12-06 17:35:51
 Product Name: **11a,16b,17,21-Tetrahydroxy-pregna-1,4-diene-3,20-dione**
 CAS Number: 13951-70-7
 Specifications & Purity: $\geq 97\%$
 Lot #: K2428476
 SKU #: **T302804**
 Version: **2**
 Analysis #: **349312**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	97-100 (%)	98.80000 %
Melting point	229-238 ($^{\circ}\text{C}$)	235.80000 $^{\circ}\text{C}$
Specific rotation $[\alpha]_{20/D}(\text{C}=0.4 \text{ in Methanol})$	72-79 ($^{\circ}$)	72.08000 $^{\circ}$
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