

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-25 12:35:27

Date of Next Testing: 2026-03-24 12:35:27

Product Name: **17- β -ESTRADIOL 3,17-DIPROPIONATE**

CAS Number: 113-38-2

Specifications & Purity: $\geq 98\%$

Lot #: C23151438

SKU #: **E302228**

Version: **1**

Analysis #: **181585**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.35500 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in Dioxane})}$	38-42 (°)	38.01000 °
Appearance(E302228)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager