

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-03-25 12:50:32
Date of Next Testing:	2026-03-24 12:50:32
Product Name:	17-β-ESTRADIOL 3,17-DIPROPIONATE
CAS Number:	113-38-2
Specifications & Purity:	$\geq 98\%$
Lot #:	C2316002
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