

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-20 16:37:20

Date of Next Testing: 2026-07-19 16:37:20

Product Name: **β -Estradiol-d₂**

CAS Number: 53866-33-4

Specifications & Purity: ≥ 98 atom% D, $\geq 98\%$

Lot #: G2301346

SKU #: **E472024**

Version: **1**

Analysis #: **239360**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Isotopic purity (Atom % D)	98-100 (%)	98.10000 %
Purity(HPLC area)	98-100 (%)	99.40000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(E472024)	White to Off white to Yellow Powder or Solid	White to Off white to Yellow Powder or Solid



John Su
QA & QC Manager