

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-30 13:22:19

Date of Next Testing: 2027-01-29 13:22:19

Product Name: **β-Estradiol 3-benzoate**

CAS Number: 50-50-0

Specifications & Purity: ≥98%

Lot #: A2312169

SKU #: **E102160**

Version: **0**

Analysis #: **172895**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.78500 %
Melting point	190-196 (°C)	195.98000 °C
Specific Rotation [α] _{20/D} (c=1 in Dioxane)	58-63 (°)	58.02000 °
Appearance (E102160)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in CHCL ₃ , Colorless Clear 50 mg/ml	pass	Pass



John Su
QA & QC Manager