

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-23 17:14:48

Date of Next Testing: 2027-05-23 17:14:48

Product Name: **Ethinyl Estradiol**

CAS Number: 57-63-6

Specifications & Purity: Moligand™, ≥98%

Lot #: E2515325

SKU #: **E129595**

Version: **0**

Analysis #: **378389**

Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	181-185 (°C)	181.06000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.00000 %
Purity(HPLC)	98-100 (%)	99.83500 %
Specific Rotation [α] _{20/D} (c=0.4 in Pyridene)	-32--28 (°)	-29.55600 °
Appearance (E129595)	White to Off-White to Light yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
Solubility in EtOH , Colorless to Pale Yellow Clear(50 mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager