

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-28 11:53:33

Date of Next Testing: 2027-06-28 11:53:33

Product Name: **Ethinyl Estradiol**

CAS Number: 57-63-6

Specifications & Purity: Moligand™, ≥98%

Lot #: F2517315

SKU #: **E129595**

Version: **0**

Analysis #: **535147**

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

Parameter	Limit Values	Result
Melting point	181-185 (°C)	184.31000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	97.60000 %
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation [α] _{20/D} (c=0.4 in Pyridene)	-32--28 (°)	-28.25600 °
Appearance (E129595)	White to Off-White to Light Yellow Powder or Crystals	White to Off-White to Light yellow Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Pale Yellow Clear(50 mg/ml)	pass	Pass



John Su
QA & QC Manager