

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 13:38:36
 Date of Next Testing: 2027-09-20 13:38:36
 Product Name: **Ethinyl Estradiol**
 CAS Number: 57-63-6
 Specifications & Purity: Moligand™, ≥98%
 Lot #: I2519364
 SKU #: **E129595**
 Version: **0**
 Analysis #: **547724**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	181-185 (°C)	183.46000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.52600 %
Purity(HPLC)	98-100 (%)	100.00000 %
Specific Rotation [α] _{20/D} (c=0.4 in Pyridene)	-32--28 (°)	-28.10000 °
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