

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-05-13 16:50:28  
Date of Next Testing: 2028-05-12 16:50:28  
Product Name: **Ethinyl Estradiol**  
CAS Number: 57-63-6  
Specifications & Purity: Moligand™, ≥98%  
Lot #: E2608377  
SKU #: **E129595**  
Version: **0**  
Analysis #: **697295**  
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	181-185 (°C)	184.98000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.53 %
Purity(HPLC)	98-100 (%)	99.88200 %
Specific Rotation [α] <sub>20</sub> /D(c=0.4 in Pyridene)	-32--28 (°)	-28.06 °
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