

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-15 15:04:43
Date of Next Testing: 2026-06-15 15:04:43
Product Name: **Ethinyl Estradiol**
CAS Number: 57-63-6
Specifications & Purity: Moligand™, ≥98%
Lot #: A2509042
SKU #: **E129595**
Version: **0**
Analysis #: **369490**
Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	181-185 (°C)	183.00000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.10000 %
Purity(HPLC)	98-100 (%)	99.70000 %
Specific Rotation [α] ₂₀ /D(c=0.4 in Pyridene)	-32--28 (°)	-28.00000 °
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