

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:	<b>Ethinyl Estradiol</b>
CAS Number:	57-63-6
Specifications & Purity:	≥98%
Lot #:	I2202433
SKU #	<b>E129595</b>
Version	<b>0</b>
Analysis #:	<b>369490</b>
Storage Temperature:	Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	181-185 (°C)	183.00000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	100.10 %
Purity(HPLC)	98-100 (%)	99.70000 %
Specific Rotation [α] <sub>20</sub> /D(c=0.4 in Pyridene)	-32--28 (°)	-28.00 °
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