

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-23 09:38:52
Date of Next Testing: 2029-05-22 09:38:52
Product Name: **Estrone**
CAS Number: 53-16-7
Specifications & Purity: Moligand™, ≥98%
Lot #: E2516427
SKU #: **E105515**
Version: **0**
Analysis #: **379035**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.63400 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	161-168 (°)	161.73 °
Appearance (E105515)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager