

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-21 11:41:17

Date of Next Testing: 2029-05-20 11:41:17

Product Name: **Estrone**

CAS Number: 53-16-7

Specifications & Purity: Moligand™, ≥98%

Lot #: E2516428

SKU #: **E105515**

Version: **0**

Analysis #: **379039**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.69500 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	161-168 (°)	167.12900 °
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