

Certificate of Analysis

Date of Testing: 2022-09-21 15:29:12
Date of Next Testing: 2024-09-10 15:29:12
Product Name: **Estrone**
CAS Number: 53-16-7
Specifications & Purity: analytical standard
Lot #: I2215596
SKU #: **E105516**
Analysis: **131088**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 in Dioxane)	161-168 (°)	167.65 °
Purity(HPLC)	99-100 (%)	99.36700 %
Appearance (E105516)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager