

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-23 11:19:00

Date of Next Testing: 2028-12-22 11:19:00

Product Name: **Estriol**

CAS Number: 50-27-1

Specifications & Purity: Moligand™, ≥98%

Lot #: L2420023

SKU #: **E105513**

Version: **0**

Analysis #: **377159**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=0.4 in Dioxane)	54-62 (°)	58.59000 °
Ignition Residue (as sulfate)	0-0.1 (%)	0.10000 %
Purity(HPLC)	98-100 (%)	98.00000 %
Loss on drying	0-0.5 (%)	0.50000 %
Appearance (E105513)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager