

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-21 10:42:16

Date of Next Testing: 2029-08-20 10:42:16

Product Name: **Estriol**

CAS Number: 50-27-1

Specifications & Purity: Moligand™, ≥98%

Lot #: K21111028

SKU #: **E105513**

Version: **0**

Analysis #: **556888**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.03600 %
Purity(HPLC)	98-100 (%)	98.80000 %
Specific Rotation [α] _{20/D} (c=0.4 in Dioxane)	54-62 (°)	59.10000 °
Loss on drying	0-0.5 (%)	0.20000 %
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