

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-24 11:24:40

Date of Next Testing: 2028-09-23 11:24:40

Product Name: **Estriol**

CAS Number: 50-27-1

Specifications & Purity: Moligand™, ≥98%

Lot #: I2414155

SKU # **E105513**

Version **0**

Analysis #: **414486**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.03000 %
Purity(HPLC)	98-100 (%)	98.85000 %
Specific Rotation [α] _{20/D} (c=0.4 in Dioxane)	54-62 (°)	59.39600 °
Loss on drying	0-0.5 (%)	0.28000 %
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