

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-01-08 14:32:03
Date of Next Testing: 2028-01-07 14:32:03
Product Name: **Estriol**
CAS Number: 50-27-1
Specifications & Purity: 98%
Lot #: A2403046
SKU #: **E105513**
Version: **0**
Analysis #: **012976**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.06 %
Purity(HPLC)	98-100 (%)	98.82000 %
Specific Rotation $[\alpha]_{20/D}(c=0.4 \text{ in Dioxane})$	54-62 (°)	59.11°
Loss on drying	0-0.5 (%)	0.25 %
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