

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-11 11:12:46

Date of Next Testing: 2026-05-10 11:12:46

Product Name: **Estriol**

CAS Number: 50-27-1

Specifications & Purity: 98%

Lot #: G1817047

SKU #: **E105513****Analysis:** **090186**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.1 (%)	0.02 %
Purity(HPLC)	98-100 (%)	99.44600 %
Specific Rotation [a] _D 20/D(c=0.4 in Dioxane)	54-62 (°)	58.43°
Loss on drying	0-0.5 (%)	0.23 %
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