

Certificate of Analysis

Date of Testing: 2023-09-09 14:51:02
Date of Next Testing: 2027-09-08 14:51:02
Product Name: **β-Estradiol**
CAS Number: 50-28-2
Specifications & Purity: 99%,for cell culture
Lot #: I2306442
SKU #: **E110145**
Analysis: **174710**

Parameter	Limit Values	Result
Melting point	173-179 (°C)	177.48000 °C
Purity(HPLC)	98-100 (%)	99.29600 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	76-83 (°)	77.66°
Appearance (E110145)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless Clear,50 mg/ml	pass	Pass



John Su
QA & QC Manager