

Certificate of Analysis

Date of Testing: 2025-04-02 12:51:07
Date of Next Testing: 2029-04-01 12:51:07
Product Name: **β-Estradiol**
CAS Number: 50-28-2
Specifications & Purity: Moligand™, for cell culture, ≥99%
Lot #: D2501005
SKU #: **E110145**
Version: **0**
Analysis #: **484684**

Parameter	Limit Values	Result
Melting point	173-179 (°C)	177.44000 °C
Purity(HPLC)	98-100 (%)	99.24100 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	76-83 (°)	79.24°
Appearance (E110145)	White to Off-White Powder	White to Off-White Powder
Cell Culture Test	pass	Pass
Solubility in EtOH , Colorless Clear,50 mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager