

Certificate of Analysis

Date of Testing:	2025-01-15 09:50:07
Date of Next Testing:	2029-01-14 09:50:07
Product Name:	β-Estradiol
CAS Number:	50-28-2
Specifications & Purity:	Moligand™, for cell culture, ≥99%
Lot #:	D2116256
SKU #	E110145
Version	0
Analysis #:	463052

Parameter	Limit Values	Result
Melting point	173-179 (°C)	177.40000 °C
Purity(HPLC)	98-100 (%)	99.05000 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	76-83 (°)	79.50°
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