

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-10 14:11:41
Date of Next Testing: 2030-06-09 14:11:41
Product Name: **β-Estradiol**
CAS Number: 50-28-2
Specifications & Purity: Moligand™, for cell culture, ≥99%
Lot #: F2608618
SKU #: **E110145**
Version: **0**
Analysis #: **707062**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	173-179 (°C)	178.32000 °C
Purity(HPLC)	98-100 (%)	99.82900 %
Specific Rotation [α] ₂₀ /D(c=1 in Dioxane)	76-83 (°)	78.39300 °
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