

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-13 14:01:40
 Date of Next Testing: 2026-05-12 14:01:40
 Product Name: **β-Estradiol**
 CAS Number: 50-28-2
 Specifications & Purity: Moligand™, for cell culture, ≥99%
 Lot #: E2207161
 SKU #: **E110145**
 Version: **0**
 Analysis #: **091014**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Melting point	173-179 (°C)	177.49000 °C
Purity(HPLC)	98-100 (%)	99.05330 %
Specific Rotation [α] _{20/D} (c=1 in Dioxane)	76-83 (°)	79.52600°
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