

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-09 14:52:16
Date of Next Testing: 2027-09-08 14:52:16
Product Name: **β-Estradiol**
CAS Number: 50-28-2
Specifications & Purity: 98%
Lot #: I2306443
SKU #: **E110144**
Analysis: **273940**
Storage Temperature: Room temperature, Desiccated

| Parameter | Limit Values | Result |
|--|-----------------------------------|-----------------------------------|
| Specific Rotation [α] ₂₀ /D(c=1 in Dioxane) | 76-83 (°) | 77.66° |
| Purity(HPLC) | 98-100 (%) | 99.29600% |
| Melting point | 173-179 (°C) | 177.48000 °C |
| Appearance (E110144) | white to beige powder or crystals | white to beige powder or crystals |



John Su
QA & QC Manager