

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-09 18:11:44

Date of Next Testing: 2028-03-08 18:11:44

Product Name: **Estradiol valerate**

CAS Number: 979-32-8

Specifications &amp; Purity: Moligand™, ≥98%

Lot #: B2628231

SKU #: **E129414**

Version: **0**

Analysis #: **667258**

Storage Temperature: Store at -20°C

| Parameter                                                         | Limit Values                            | Result                                  |
|-------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|
| Specific Rotation [α] <sub>20/D</sub> (c=2 in CHCL <sub>3</sub> ) | 41-44 (°)                               | 42.80000 °                              |
| Purity(HPLC)                                                      | 98-100 (%)                              | 98.20000 %                              |
| UV-vis spectrum EmM(λ <sub>max</sub> 281nm in MEtOH)              | 2-2.1                                   | 2.07000                                 |
| Melting point                                                     | 145-150 (°C)                            | 148.01000 °C                            |
| Appearance (E129414)                                              | White to Almost white powder to crystal | White to Almost white powder to crystal |
| Proton NMR spectrum                                               | Conforms to Structure                   | Conforms to Structure                   |
| Solubility in Acetone , Colorless Clear(125mg/5ml)                | pass                                    | Pass                                    |



John Su  
QA & QC Manager