

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-02 13:36:05

Date of Next Testing: 2026-12-02 13:36:05

Product Name: **Estradiol valerate**

CAS Number: 979-32-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2428384

SKU #: **E129414**

Version: **0**

Analysis #: **431511**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72400 %
Melting point	145-150 (°C)	147.93000 °C
UV-vis spectrum EmM(λ_{max} 281nm in MEtOH)	2-2.1	2.05703
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in CHCL}_3)$	41-44 (°)	43.85200°
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