

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-15 14:13:49

Date of Next Testing: 2025-08-14 14:13:49

Product Name: **Estradiol valerate**

CAS Number: 979-32-8

Specifications & Purity: Moligand™, ≥98%

Lot #: K2110004

SKU #: **E129414**

Version: **0**

Analysis #: **264210**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation [α] _{20/D} (c=2 in CHCL ₃)	41-44 (°)	43.87400°
Purity(HPLC)	98-100 (%)	99.00500%
UV-vis spectrum EmM(λ _{max} 281nm in MEtOH)	2-2.1	2.01000
Melting point	145-150 (°C)	148.99000 °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