

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-01-14 10:21:14

Date of Next Testing: 2027-01-14 10:21:14

Product Name: **17 α -Hydroxy Progesterone**

CAS Number: 68-96-2

Specifications & Purity: Moligand™, $\geq 98\%$ (HPLC)

Lot #: A2510161

SKU #: **H137675**

Version: **1**

Analysis #: **462958**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.74500 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in CHCL}_3)}$	85-95 (°)	92.00000 °
Melting point	217-221 (°C)	219.00000 °C
Appearance (H137675)	White to Off-White Powder	White to Off-White Powder
Solubility in CHCL ₃ , clear colorless to light yellow solution,50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager