

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-14 14:55:34  
Date of Next Testing: 2026-08-14 14:55:34  
Product Name: **17 $\alpha$ -Hydroxy Progesterone**  
CAS Number: 68-96-2  
Specifications & Purity:  $\geq$ 98.0%(HPLC)  
Lot #: J2217598  
SKU #: **H137675**  
Version: **1**  
Analysis #: **399241**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.90000 %
Specific Rotation [a] <sub>D</sub> 20/D(c=1 in CHCL <sub>3</sub> )	85-95 (°)	93.70°
Melting point	217-221 (°C)	220.60000 °C
Appearance (H137675)	White to Off-White Powder	White to Off-White Powder
Solubility in CHCL <sub>3</sub> , clear colorless to light yellow solution,50mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager