

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:	<b>17<math>\alpha</math>-Hydroxy Progesterone</b>
CAS Number:	68-96-2
Specifications & Purity:	$\geq$ 98.0%(HPLC)
Lot #:	J2217608
SKU #	<b>H137675</b>
Version	<b>1</b>
Analysis #:	<b>399241</b>

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