

Shanghai Aladdin Biochemical Technology Co., LTD
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Certificate of Analysis

Date of Testing: 2025-04-10 15:49:48
Date of Next Testing: 2027-04-10 15:49:48
Product Name: **17 α -Hydroxy Progesterone**
CAS Number: 68-96-2
Specifications & Purity: Moligand™, $\geq 98\%$ (HPLC)
Lot #: F2330991
SKU #: **H137675**
Version: **1**
Analysis #: **493000**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCl}_3)$	85-95 (°)	94.00000 °
Melting point	217-221 (°C)	220.90000 °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

