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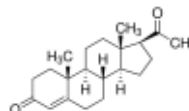
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

Progesterone - powder, BioReagent, suitable for cell culture

**Product Number:** P8783  
**Batch Number:** SLBM0598V  
**Brand:** SIGMA  
**CAS Number:** 57-83-0  
**MDL Number:** MFCD00003658  
**Formula:** C<sub>21</sub>H<sub>30</sub>O<sub>2</sub>  
**Formula Weight:** 314.46 g/mol  
**Quality Release Date:** 12 DEC 2014



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Light Yellow	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, CHCl <sub>3</sub>		
Infrared Spectrum	Conforms to Structure	Conforms
Specific Rotation	175 - 183 °	181 °
C = 2, dioxane, 25 deg C		
Purity (HPLC)	≥ 99 %	100 %
Cell Culture Test	Pass	Pass

Rodney Burbach, Manager  
Analytical Services  
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.