29525 Fountain Parkway Solon, Ohio 44139



Fax: 440/337-1180 web: www.mpbio.com

Certificate of Analysis

Product Description: Norethindrone

Catalog Number: 155946

Lot: M4201

Formula: C₂₀H₂₆O₂

CAS #: 68-22-4

Physical Description: White Powder

Formula Weight: 298.42

Telephone: 440/337-1200

Toll Free: 800/854-0530

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

Completeness of Solution: Clear Melting Range: 203.8 - 206.8°C

Loss on Drying: 0.20%
Specific Rotation: -35.2°
Limit of Ethynyl Group: 8.37%
Related Substances (TLC):
-- Individual Impurity: ≤0.5%
-- Total Impurities: ≤1.5%

Organic Volatile Impurities: Conforms

Content: 99.4%

Christina Marotla

05/30/2012 - Christina Marotta MP Biomedicals, LLC. Technical Director

This is an electronically generated document mailto:biotech@mpbio.com http://www.mpbio.com

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)