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Certificate of Analysis

Product Description: 4-Hydroxyestrone
Catalog Number: 157440
Lot: M3733

Formula: C₁₈H₂₂O₃
CAS #: 3131-23-5
Physical Description: Off-White Powder

Formula Weight: 286.4
Storage: -0°C

Test	Specification	Result
Identity test	Passes	Passes

TLC: 98%
Rf=0.16 (In 2:1 Hexane:Ethyl Acetate)
H1 NMR: Conforms

Christina Marotta

03/21/2012 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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<mailto:biotech@mpbio.com>
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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)