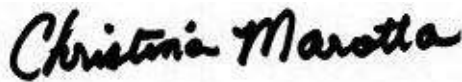


MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
Toll Free: 800/854-0530

Certificate of Analysis

Product Description: Lubrol
Catalog Number: 195299
Lot: M8521**Formula:** HO(CH₂CH₂O)_nC₁₆H₃₃ n= ~23
CAS #: 9004-95-9
Physical Description: White Waxy Solid**Formula Weight:** N/A
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard
pH (5% aq soln)	Report Result	5.51
Melting Point	38 - 48°C	47°C
Solubility (5% aq soln)	Clear to Hazy, Colorless Solution	Clear, Colorless Solution

Acid Value: 0.019
Hydroxyl Value: 53.31
Moisture (KF): 0.17%
Color Gardner: 0.501/15/2014 - Christina Marotta
MP Biomedicals, LLC.
Technical DirectorThis 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)