



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

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

Certificate of Analysis

Product Description: Polyvinyl Alcohol, MW ~22,000_
Catalog Number: 151938_
Lot: M2639_

Formula: N/A
CAS #: 9002-89-5
Physical Description: Powder

Formula Weight: ~22,000
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Viscosity (4% aq soln)	4 - 6 cps	5.7 cps

Solubility: Soluble in water, add polyvinyl alcohol to cold or room temperature water with agitation over a period of about 2 minutes. Warm solution to at least 85°C and keep it at that temperature or above for at least 30 minutes. The solution can then be cooled and used at any temperature. Solubility problems may occur with solutions greater than 10%. If solutions are to be kept longer than 24 hours, an addition of a biocide is recommended.

Ash: 0.54%
Degree of Hydrolysis: 87.87 mole%
Methanol: 0.25%
pH (4% soln): 5.40
VOC: 0.43%
Volatiles (1 hr/105°C): 2.74%

Christina Marotta

11/02/2011 - 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)