

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Tween® 80_
Catalog Number: 103170_
Lot: 1089F_

Formula: N/A
CAS #: 9005-65-6

Physical Description: Yellow Liquid

Formula Weight: N/A
Storage: Room Temperature

Test	Specification	Result
Identity Test A	Passes	Passes
Identity Test B	Passes	Passes
Identity Test C	Passes	Passes
Water Content	≤3.0%	2.52%
Residue on Ignition	≤0.25%	0.12%
Specific Gravity	1.06 - 1.09	Passes
Viscosity	300 - 500 cps	Passes
Heavy Metals	≤100 ppm	Passes
Acid Value	≤1.6	0.96
Hydroxyl Value	65 - 80	68
Saponification Value	45 - 55	47

01/24/2002 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

