

MP Biomedicals, LLC29525 Fountain Parkway
Solon, Ohio 44139Telephone: 440/337-1200
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Certificate of Analysis

Product Description: Bentonite
Catalog Number: 100894
Lot: QR11816

Formula: Principally montmorillonite -
 $\text{Al}_2\text{O}_3 \cdot 4\text{SiO}_2 \cdot 2\text{H}_2\text{O}$
CAS #: 1302-78-9
Physical Description: Fine, Gray Powder.

Formula Weight: N/A
Storage: Room Temperature, desiccate

Test	Specification	Result
Identity Test	Passes	Passes
pH (2% aq soln)	9.5 - 10.5	9.55
Loss on Drying (2 hr)	$\leq 12\%$	7.8%
Viscosity (2% aq soln)	8 - 30 cps	11.5 cps

Insoluble in water, though will form a gel, swelling to approximately 12 times its volume.
Insoluble in and does not swell in organic solvents.

Grit: 0.0002%

Recommended Retest Date: 01/11/2019



01/14/2016 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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