

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

Certificate of Analysis

Product Description: Bentonite
Catalog Number: 100894
Lot: QR15634**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: Pale Gray Powder.**Formula Weight:** N/A
Storage: 15 - 30°C, desiccate

Test	Specification	Results
Identity Test	Passes	Passes
pH (2% aq soln)	9.5 - 10.5	10.1
Loss on Drying (2 hr)	≤12%	6.51%
Viscosity (2% aq soln)	8 - 30 cps	23 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.

FTIR: Conforms to standard

Wet 200 mesh: 0.0

Recommended Retest Date: 11/24/2021



05/29/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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