



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: MP Silica, 63-200 μm , active, 60 \AA _
Catalog Number: 02771; 02772_
Lot: 40XX_

Formula: SiO₂
CAS #: 7631-86-9
Physical Description: White to Off-White Powder

Formula Weight: 60.08
Storage: 15 - 30°C

Test	Specification	Result
Identity Test	Passes	Passes
pH	6.5 - 7.5	6.9
Activity according to Brockmann	40 - 50 l/mm	49 l/mm
Loss of Ignition	$\leq 5\%$	3.7%
Particle Size Distribution:		
<63 μm	$\leq 6\%$	1.6%
>200 μm	$\leq 3\%$	0.7%
Pore Diameter	60 \AA	60 \AA
Specific Surface Area	500 - 600 m ² /g	500 - 600 m ² /g
Loss on Drying	<4%	0.4%
Water Soluble Matter	< 0.2 %	< 0.2 %
Weight per mL	≤ 0.5 g	0.5 g

Melting Point: about 1730°C

Toxicity: Non-toxic

Recommended Retest Date (MM/DD/YYYY): 05/07/2025



06/10/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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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)