

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Silica mesoporous SBA-15 – &lt;150 µm particle size, pore size 10 nm, Hexagonal pore morphology

Product Number:

914614

CAS Number:

7631-86-9



Formula:

SiO<sub>2</sub>

Formula Weight:

60.09 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Particle Size	≤ 150 micron
Mean dv50(µm)	
Surface Area	350 - 650 m <sup>2</sup> /g
Pore Volume (cm <sup>3</sup> /g)	0.8 - 1.2
Average Pore Diameter	8 - 12 nm
X-Ray Diffraction	Conforms to Structure
Pore Geometry Hex	
ICP Major Analysis	Confirmed
Confirms Silicon Component	
Purity	Meets Requirements
99.9% Based On Trace Metals Analysis	
Trace Metal Analysis	≤ 1500.0 ppm
Expiration Date Period	-----
5 Years	

Specification: PRD.0.ZQ5.10000103899

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

