3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Product Specification

Product Name:
Silica gel - high-purity grade (Davisil Grade 923), pore size 30 Å, 100-200 mesh

Product Number: **214477**
CAS Number: 112926-00-8



Formula: SiO2
Formula Weight: 60,08 g/mol

DOMINIQUE DUTSCHER SAS

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Concentration (Component 1)	
> 60 Mesh*	
Concentration (Component 2)	≤ 1.2 %
> 80 Mesh*	
Concentration (Component 3)	≤ 5.0 %
> 100 Mesh*	
Concentration (Component 5)	≤ 15.0 %
< 200 Mesh*	
Particle Size	Corresponds to Requirements
100-200 Mesh	
pH	5.5 - 7.0
5 % Water Slurry *	
Loss on ignition	4.50 - 10.00 %
*	
Iron (Fe)	≤ 0.0050 %
Iron as Fe2O3, Dry Basis, 0.005 % Max	
Specific Surface Area	
430 - 530 M2/G*	
Vendors Information	Corresponds to Requirements
Vendor Information*	
Note	Corresponds to Requirements
Davisil Grade 923 Complies with the Specifications Noted within ASTM D1319 and ASTMm D2549.	

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. 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.

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TEST	Specification

Specification: PRE.0.ZQ5.10000025063

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