

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Silver sulfate – ACS reagent, 99%

Product Number: 225673
Batch Number: MKBQ6346V
Brand: SIAL
CAS Number: 10294-26-5
MDL Number: MFCD00003407
Formula: Ag₂O₄S
Formula Weight: 311.80 g/mol
Quality Release Date: 21 NOV 2013



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Conforms to Requirements	Powder
Powder and/or Lumps		
Titration by KSCN	≥ 68.1 %	69.2 %
% Ag		
X-Ray Diffraction	Conforms to Structure	Conforms
Iron (Fe)	≤ 0.001 %	< 0.001 %
Assay	≤ 0.02 %	< 0.02 %
Insoluble Matter and Silver Chloride		
Nitrate (NO ₃)	≤ 0.001 %	< 0.001 %
Substances not ppt. by HCl	≤ 0.03 %	< 0.03 %
Meets ACS Requirements	Current ACS Specification	Conforms
Tenth Edition		



Jamie Gleason, Manager
Quality Control
Milwaukee, Wisconsin US

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.