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Certificate of Analysis

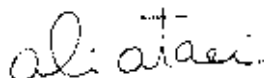
Product Name:

Silver nitrate – anhydrous, 99.999%

Product Number: 792276
Batch Number: MKBS9573V
Brand: ALDRICH
CAS Number: 7761-88-8
Formula: AgNO₃
Formula Weight: 169.87 g/mol
Quality Release Date: 20 JAN 2015

AgNO₃

Test	Specification	Result
Appearance (Color)	White to Light Grey	Light Grey
Appearance (Form)	Powder	Powder
X-Ray Diffraction	Conforms to Structure	Conforms
ICP Major Analysis	Confirmed	Confirmed
Confirms Silver Component		
Purity	Meets Requirements	Meets Requirements
>=99.999% Based on Trace Metals Analysis		
Trace Metal Analysis	≤ 10.0 ppm	6.5 ppm
Aluminum (Al)		0.1 ppm
Boron (B)		0.9 ppm
Barium (Ba)		0.1 ppm
Bismuth (Bi)		1.5 ppm
Magnesium (Mg)		0.3 ppm
Sodium (Na)		2.0 ppm
Nickel (Ni)		0.3 ppm
Lead (Pb)		0.4 ppm
Zinc (Zn)		0.9 ppm



Ali Ataei, Manager
Quality Control
Milwaukee, WI 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.