

3050 Spruce Street, Saint Louis, MO 63103, USA

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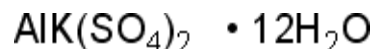
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Aluminum potassium sulfate dodecahydrate - BioXtra, ≥98.0%

Product Number: A7210
Lot Number: 071M0066V
Brand: SIAL
CAS Number: 7784-24-9
MDL Number: MFCD00149143
Formula: AIKO8S2 · 12H2O
Formula Weight: 474.39 g/mol
Quality Release Date: 08 AUG 2011



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity) 0.5M, H2O	Clear to Slightly Hazy	Clear
Calcium (Ca)	≤ 0.0005 %	< 0.0005 %
Copper (Cu)	≤ 0.0005 %	< 0.0005 %
Iron (Fe)	≤ 0.001 %	0.000 %
Magnesium (Mg)	≤ 0.005 %	< 0.001 %
Phosphorus (P)	≤ 0.0005 %	< 0.0005 %
Sodium (Na)	≤ 0.005 %	< 0.005 %
Lead (Pb)	≤ 0.001 %	< 0.001 %
Zinc (Zn)	≤ 0.0005 %	< 0.0005 %
Chloride Content	≤ 0.0005 %	0.0005 %
Insoluble matter	≤ 0.005 %	0.000 %
Ammonia (NH4)	≤ 0.005 %	< 0.005 %
Purity by Titration by EDTA	≥ 98.0 %	99.9 %

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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Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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