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Product Specification

Product Name:

Aluminum potassium sulfate dodecahydrate - BioXtra, ≥98.0%

Product Number:

A7210AlK(SO₄)₂ · 12H₂O

CAS Number:

7784-24-9

MDL:

MFCD00149143

Formula:

AlK₂O₈S₂ · 12H₂O

Formula Weight:

474.39 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity) 0.5M, H ₂ O	Clear to Slightly Hazy
Insoluble matter	≤ 0.005 %
Calcium (Ca)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Iron (Fe)	≤ 0.001 %
Magnesium (Mg)	≤ 0.005 %
Phosphorus (P)	≤ 0.0005 %
Sodium (Na)	≤ 0.02 %
Lead (Pb)	≤ 0.001 %
Zinc (Zn)	≤ 0.0005 %
Chloride (Cl) < or = 0.0005%	Pass
Ammonia (NH ₄)	≤ 0.005 %
Purity by Titration by EDTA	≥ 98.0 %

Specification: PRD.0.ZQ5.10000085427

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.