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Product Specification

Product Name:
Aluminum potassium sulfate dodecahydrate – ACS reagent, ≥98%

$AlK(SO_4)_2 \cdot 12H_2O$

Product Number:	**237086**
CAS Number:	7784-24-9
MDL:	MFCD00149143
Formula:	AlKO8S2 · 12H2O
Formula Weight:	474.39 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Crystals
Complexiometric EDTA	98.0 - 102.0 %
X-Ray Diffraction	Conforms to Structure
Insoluble matter	≤ 0.005 %
Chloride (CL)	≤ 5 ppm
Iron (Fe)	≤ 0.001 %
Heavy Metals (by ICP)	≤ 0.001 %
Sodium (Na)	≤ 0.02 %
Ammonium (NH4)	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification

Specification: PRD.3.ZQ5.10000058368

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.