

Certificate of Analysis

Product Name:

Chromium(III) potassium sulfate dodecahydrate - ACS reagent, ≥98%

Product Number: 243361
Batch Number: MKCV8744
Brand: SIGALD
CAS Number: 7788-99-0
MDL Number: MFCD00149917
Formula: CrK₃(SO₄)₂ · 12H₂O
Formula Weight: 499.40 g/mol
Quality Release Date: 29 MAR 2024



Test	Specification	Result
Appearance (Color)	Purple to Very Dark Purple and Black	Very Dark Purple
Appearance (Form)	Crystals	Crystals
Titration by Na ₂ S ₂ O ₃	98.0 - 102.0 %	99.1 %
Insoluble Matter c= 10%, Water	≤ 0.01 %	< 0.01 %
Aluminum (Al)	≤ 0.02 %	< 0.01 %
Chloride Content	≤ 0.002 %	< 0.002 %
Iron (Fe)	≤ 0.01 %	< 0.01 %
Heavy Metals (as Lead)	≤ 0.01 %	< 0.01 %
Ammonia (NH ₄)	≤ 0.01 %	< 0.01 %
Meets ACS Requirements	Current ACS Specification	Conforms



Larry Coers, Director
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.

