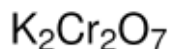


Certificate of Analysis

Product Name:

Potassium dichromate - ACS reagent, ≥99.0%

Product Number: 207802
Batch Number: MKCQ8035
Brand: SIGALD
CAS Number: 7778-50-9
MDL Number: MFCD00011367
Formula: Cr₂K₂O₇
Formula Weight: 294.18 g/mol
Quality Release Date: 03 DEC 2021



Test	Specification	Result
Appearance (Color)	Conforms to Requirements	Orange
Orange		
Appearance (Form)	Crystals	Crystals
X-Ray Diffraction	Conforms to Structure	Conforms
Titration by Na ₂ S ₂ O ₃	≥ 99.0 %	99.5 %
Loss on Drying	≤ 0.05 %	0.02 %
Calcium (Ca)	≤ 0.003 %	0.002 %
Chloride Content	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Insoluble Matter	≤ 0.005 %	0.003 %
C = 10%, H ₂ O		
Sodium (Na)	≤ 0.02 %	< 0.02 %
Sulfate (SO ₄)	≤ 0.005 %	0.002 %
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.

