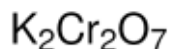


## Certificate of Analysis

Product Name:

Potassium dichromate - ACS reagent, ≥99.0%

**Product Number:** 207802  
**Batch Number:** MKCX8985  
**Brand:** SIGALD  
**CAS Number:** 7778-50-9  
**MDL Number:** MFCD00011367  
**Formula:** Cr<sub>2</sub>K<sub>2</sub>O<sub>7</sub>  
**Formula Weight:** 294.18 g/mol  
**Quality Release Date:** 19 MAY 2025



Test	Specification	Result
Appearance (Color)	Conforms to Requirements	Orange
Orange		
Appearance (Form)	Crystals	Crystals
X-Ray Diffraction	Conforms to Structure	Conforms
Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	≥ 99.0 %	100.6 %
Loss on Drying	≤ 0.05 %	0.02 %
Calcium (Ca)	≤ 0.003 %	< 0.001 %
Chloride Content	≤ 0.001 %	< 0.001 %
Iron (Fe)	≤ 0.001 %	< 0.001 %
Insoluble Matter	≤ 0.005 %	0.005 %
C = 10%, H <sub>2</sub> O		
Sodium (Na)	≤ 0.02 %	< 0.01 %
Sulfate (SO <sub>4</sub> )	≤ 0.005 %	0.005 %
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](http://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.

