

3050 Spruce Street, Saint Louis, MO 63103, USA

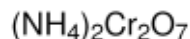
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

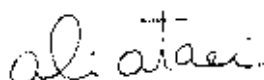
Product Name:

Ammonium dichromate - ACS reagent, ≥99.5%

Product Number: 402826
Batch Number: MKBT7167V
Brand: SIAL
CAS Number: 7789-09-5
MDL Number: MFCD00010879
Formula: H₈Cr₂N₂O₇
Formula Weight: 252.06 g/mol
Quality Release Date: 05 FEB 2015



Test	Specification	Result
Appearance (Color)	Orange to Dark Orange	Orange
Appearance (Form)	Crystals	Crystals
X-Ray Diffraction	Conforms to Structure	Conforms
Titration by Na ₂ S ₂ O ₃	≥ 99.5 %	99.8 %
Dried Basis		
Insoluble Matter	≤ 0.005 %	0.001 %
C= 10%, H ₂ O		
Loss on Drying	≤ 3.0 %	< 0.1 %
Chloride Content	≤ 0.005 %	0.001 %
Sulfate (SO ₄)	≤ 0.01 %	< 0.01 %
Calcium (Ca)	≤ 0.002 %	< 0.001 %
Iron (Fe)	≤ 0.002 %	< 0.001 %
Sodium (Na)	≤ 0.005 %	< 0.001 %
Meets ACS Requirements 10th Edition	Current ACS Specification	Conforms



Ali Ataei, Manager
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.