

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Potassium dichromate – 99.98% trace metals basis

Product Number:

483044

CAS Number:

7778-50-9

MDL:

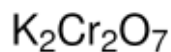
MFCD00011367

Formula:

Cr₂K₂O₇

Formula Weight:

294.18 g/mol



TEST

Specification

Appearance (Color)

Orange

Appearance (Form)

Crystals

Infrared spectrum

Conforms to Structure

Chromium (Cr)

35.0 - 36.0 %

ICP Major Analysis

Confirmed

Confirms K and Cr Components

Purity

Meets Requirements

99.98% Based On Trace Metals Analysis

Trace Metal Analysis

≤ 250.0 ppm

Silver (Ag)

Aluminum (Al)

Arsenic (As)

Boron (B)

Barium (Ba)

Beryllium (Be)

Bismuth (Bi)

Calcium (Ca)

Cadmium (Cd)

Cobalt (Co)

Chromium (Cr)

Copper (Cu)

Iron (Fe)

Iridium (Ir)

Magnesium (Mg)

Manganese (Mn)

Molybdenum (Mo)

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.



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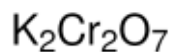
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TEST	Specification
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Nickel (Ni)	
Lead (Pb)	
Palladium (Pd)	
Platinum (Pt)	
Antimony (Sb)	
Tin (Sn)	
Strontium (Sr)	
Titanium (Ti)	
Vanadium (V)	
Tungsten (W)	
Zinc (Zn)	
Zirconium (Zr)	
Cesium (Cs)	
Potassium (K)	
Lithium (Li)	
Sodium (Na)	
Rubidium (Rb)	

Specification: PRD.3.ZQ5.10000035254

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