

Certificate of Analysis

Product Name : Chromium(II) chloride anhydrous, powder, 99.99% trace metals basis
Product Number : 450782-VAR
Batch Number : 0000068313
 Source Batch : 0000065409
 CAS Number : 10049-05-5
 Molecular Formula : Cl_2Cr
 Formula Weight : 122.90
 Quality Release Date : 10 Jun 2019

Test	Specification	Result
Appearance (Color)	Faint Grey to Very Dark Grey	Light Grey
Appearance (Form)	Powder	Powder
Titration with AgNO ₃	56.2 - 59.1 %	58.1 %
Titration by AgNO ₃		
% Cl		
ICP Major Analysis	Confirmed	Confirmed
Confirms Chromium Component		
Purity	Meets Requirements	Meets Requirements
99.99% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 150.0 ppm	17.8 ppm
Silver (Ag)		1.1 ppm
Aluminum (Al)		3.3 ppm
Boron (B)		0.3 ppm
Barium (Ba)		0.2 ppm
Iron (Fe)		0.3 ppm
Potassium (K)		1.1 ppm
Lithium (Li)		1.4 ppm
Magnesium (Mg)		0.1 ppm
Sodium (Na)		8.8 ppm
Titanium (Ti)		0.4 ppm
Vanadium (V)		0.7 ppm
Tungsten (W)		0.1 ppm

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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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Batch: 0000068313

Site

Urbana, Illinois

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