

Certificate of Analysis

Product Name : Zinc chloride anhydrous, powder, ≥99.995% trace metals basis
Product Number : 429430-5G
Batch Number : 0000076407
 Source Batch : 0000030549
 CAS Number : 7646-85-7
 Molecular Formula : Cl_2Zn
 Formula Weight : 136.30
 Quality Release Date : 24 Apr 2018

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Titration with EDTA	47.0 - 48.9 %	47.7 %
% Zn		
ICP Major Analysis	Confirmed	Conforms
Confirms Zinc Component		
Purity	Conforms	Conforms
≥99.995% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 50.0 ppm	26.8 ppm
Silver (Ag)		0.8 ppm
Aluminum (Al)		1.3 ppm
Barium (Ba)		0.1 ppm
Calcium (Ca)		7.5 ppm
Cadmium (Cd)		3.7 ppm
Iron (Fe)		3.2 ppm
Potassium (K)		1.1 ppm
Magnesium (Mg)		0.2 ppm
Manganese (Mn)		0.6 ppm
Sodium (Na)		5.3 ppm
Lead (Pb)		2.9 ppm
Strontium (Sr)		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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Niray Kr. Singh

Batch: 0000076407

Site

Urbana, Illinois

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