

Certificate of Analysis

Product Name : Calcium sulfate ≥99.99% trace metals basis
Product Number : 255696-VAR
Batch Number : 0000056520
Source Batch : 0000051953
CAS Number : 7778-18-9
Molecular Formula : CaO₄S
Formula Weight : 136.14
Quality Release Date : 24 Jan 2019

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Chunks	Powder with Chunk(s)
Titration with EDTA	28.5 - 30.3 %	28.6 %
Complexometric EDTA		
% Ca		
ICP Major Analysis	Confirmed	Conforms
Confirms Calcium Component		
Purity	Meets Requirements	Meets Requirements
≥99.99% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 100.0 ppm	60.0 ppm
Aluminum (Al)		2.0 ppm
Copper (Cu)		0.2 ppm
Iron (Fe)		0.3 ppm
Potassium (K)		31.7 ppm
Magnesium (Mg)		5.8 ppm
Manganese (Mn)		0.1 ppm
Sodium (Na)		0.3 ppm
Strontium (Sr)		4.4 ppm
Zinc (Zn)		15.2 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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Larry Coers, Manager

Site

Urbana, Illinois

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