

# Certificate of Analysis

**Product Name :** Calcium chloride anhydrous, beads, -10 mesh, ≥99.9% trace metals basis  
**Product Number :** 449709-BULK  
**Batch Number :** FH3182  
**CAS Number :** 10043-52-4  
**Molecular Formula :** CaCl<sub>2</sub>  
**Formula Weight :** 110.98  
**Quality Release Date :** 04 May 2016

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Beads	Beads
ICP Major Analysis	Confirmed	Conforms
Confirms Calcium Component		
Purity	Conforms	Conforms
>=99.9% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 1000.0 ppm	100.5 ppm
Silver (Ag)		0.1 ppm
Aluminum (Al)		2.3 ppm
Arsenic (As)		5.7 ppm
Boron (B)		0.5 ppm
Barium (Ba)		0.7 ppm
Beryllium (Be)		0.1 ppm
Bismuth (Bi)		1.4 ppm
Cobalt (Co)		0.9 ppm
Iron (Fe)		0.4 ppm
Potassium (K)		0.5 ppm
Magnesium (Mg)		26.7 ppm
Manganese (Mn)		0.3 ppm
Sodium (Na)		3.1 ppm
Lead (Pb)		0.6 ppm
Strontium (Sr)		54.2 ppm
Titanium (Ti)		1.8 ppm
Vanadium (V)		0.1 ppm
Tungsten (W)		0.2 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](http://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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Zinc (Zn) 0.9 ppm

**Product** 449709-BULK

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**Batch** FH3182

*Niraj K. Singh*

Niraj K. Singh, Manager

Site

Urbana, Illinois

US

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