

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Calcium acetate hydrate - BioXtra, ≥99% (titration)

Product Number:

C4705

CAS Number:

114460-21-8

MDL:

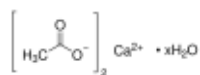
MFCD00150019

Formula:

C₄H₆CaO₄ · xH₂O

Formula Weight:

158.17 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder
Ammonia (NH ₃)	≤ 0.1 %
Chloride Content	≤ 0.05 %
Insoluble matter	≤ 0.1 %
Sulfate (SO ₄)	≤ 0.05 %
Potassium (K)	≤ 0.01 %
Aluminum (AL)	≤ 0.0005 %
Phosphorus (P)	≤ 0.0005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.001 %
Magnesium (Mg)	≤ 0.1 %
Sodium (Na)	≤ 0.05 %
Recommended Retest Period	-----
4 years	
Water (by Karl Fischer)	≤ 14 %
Titration by EDTA (anhydrous)	≥ 99 %
Proton NMR spectrum	Conforms to Structure
¹³ C NMR Spectrum	Conforms to Structure

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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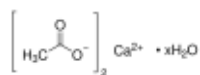
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Specification: PRD.2.ZQ5.10000006824

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