

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Calcium nitrate tetrahydrate - ACS reagent, 99%

Product Number:

237124

Ca(NO₃)₂ • 4H₂O

CAS Number:

13477-34-4

MDL:

MFCD00149604

Formula:

CaN₂O₆ • 4H₂O

Formula Weight:

236.15 g/mol

TEST	Specification
Appearance (Color)	White
Appearance (Form) Granular Powder or Crystals or Flakes	Conforms to Requirements
Compleximetric EDTA	99.0 - 103.0 %
X-Ray Diffraction	Conforms to Structure
Magnesium (Mg)	≤ 0.05 %
Potassium (K)	≤ 0.005 %
Sodium (Na)	≤ 0.01 %
Strontium (Sr)	≤ 0.05 %
Iron (Fe)	≤ 5.0 ppm
Barium	≤ 0.005 %
Heavy Metals by ICP-OES	≤ 5 ppm
pH c = 5%, Water, 25 Deg C	5.0 - 7.0
Insoluble matter c = 10%, Water	≤ 0.005 %
Chloride Content	≤ 0.005 %
Nitrite	≤ 0.001 %
Sulfate	≤ 0.002 %
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period 3 Years	-----

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.

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 nitrate tetrahydrate - ACS reagent, 99%

Product Number:**237124**Ca(NO₃)₂ • 4H₂O

CAS Number:

13477-34-4

MDL:

MFCD00149604

Formula:

CaN₂O₆ • 4H₂O

Formula Weight:

236.15 g/mol

TEST**Specification**

Specification: PRD.1.ZQ5.10000035314

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.