

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Cadmium nitrate tetrahydrate – 99.997% trace metals basis

Product Number:

229520

 $\text{Cd}(\text{NO}_3)_2 \cdot 4\text{H}_2\text{O}$

CAS Number:

10022-68-1

MDL:

MFCD00149626

Formula:

 $\text{CdN}_2\text{O}_6 \cdot 4\text{H}_2\text{O}$

Formula Weight:

308.48 g/mol

TEST

Specification

Appearance (Color)

White

Appearance (Form)

Conforms to Requirements

Powder or Crystals or Crystalline Powder and/or Chunks

Complexometric EDTA

35.0 - 37.6 %

(% Cd)

ICP Major Analysis

Confirmed

Confirms Cadmium Component

Purity

Meets Requirements

99.997% Based On Trace Metals Analysis

Trace Metal Analysis

 $\leq$ 35.0 ppm

Specification: PRD.2.ZQ5.10000026139

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.