

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.com

Email USA: techserv@sial.com

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Product Specification

Product Name:
Strontium nitrate - ACS reagent, ≥99.0%

Product Number: 243426
CAS Number: 10042-76-9
MDL: MFCD00011248
Formula: N₂O₆Sr
Formula Weight: 211.63 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form) Crystals and/or Chunks	Crystals or Crystals with Chunks
X-Ray Diffraction	Conforms to Structure
Complexiometric EDTA	≥ 99.0 %
Loss on Drying 4 Hours, 105 Degrees Celsius	≤ 0.1 %
Insoluble matter C= 10%, H ₂ O	≤ 0.01 %
Barium	≤ 0.05 %
Calcium (Ca)	≤ 0.05 %
Chloride Content	≤ 0.002 %
Iron (Fe)	≤ 5 ppm
Heavy Metals by ICP-OE	≤ 5 ppm
pH C= 5%, H ₂ O at 25 Degrees Celsius	5.0 - 7.0
Magnesium (Mg)	≤ 0.10 %
Sodium (Na)	≤ 0.10 %
Sulfate	≤ 0.005 %
Meets ACS Requirements	Current ACS Specification

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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Product Name:

Strontium nitrate - ACS reagent, ≥99.0%

Product Number:**243426**

CAS Number:

10042-76-9

MDL:

MFCD00011248

Formula:

N2O6Sr

Formula Weight:

211.63 g/mol

**TEST****Specification**

Specification: PRD.0.ZQ5.10000072428

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