

3050 Spruce Street, Saint Louis, MO 63103, USA

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

Product Specification

Product Name:

Sodium sulfide nonahydrate - ≥99.99% trace metals basis

Product Number:

431648

CAS Number:

1313-84-4

MDL:

MFCD00149184

Formula:

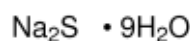
Na₂S · 9H₂O

Formula Weight:

240.18 g/mol

Storage Temperature:

2 - 8 °C



TEST	Specification
------	---------------

Appearance (Color)

Colorless to Very Faint Yellow and White to Faint Yellow

Appearance (Form)

Crystals or Crystals with Chunks

X-Ray Diffraction

Conforms to Structure

Iron (Fe)

Pass

Ammonium (NH₄)

≤ 0.005 %

Sulfite

≤ 0.1 %

Sulfite and Thiosulfite

ICP Major Analysis

Confirmed

Confirms Na and S Components

Purity

Conforms

> = 99.99% Based On Trace Metals Analysis

Trace Metal Analysis

≤ 100.0 ppm

Specification: PRD.5.ZQ5.10000037037

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.