

1. Identification

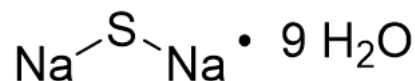
Catalogue Number

S670980

Lot Number

711735426-4-1

Structure



Product Name

Sodium Sulfide Nonahydrate (Technical Grade)

Synonyms

Sodium Sulfide (Na₂S) Nonahydrate; Disodium Sulfide Nonahydrate; Sodium Monosulfide Nonahydrate; Sodium Sulfide Enneahydrate

CAS Number

1313-84-4

Solubility

Aqueous Acid (Slightly), Water (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

Na₂S • 9H₂O

Source of Product

N/A

Long Term Storage Conditions

20°C

Molecular Weight

240.18

Purity

Technical Grade

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Sticky Solid to Solid

Results

White to Off-White Sticky Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

FT-IR

Conforms to Structure

Conforms

Water Content

Report Result

71.2% by Karl Fischer

Na NMR

Conforms to Structure

Conforms

Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed by



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Christina Gouliaras

Quality Assurance Associate

Test Date

11/24/2023

Retest Date

11/22/2027