

Certificate of Analysis

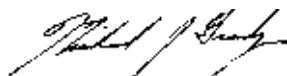
Product Name:

Sodium sulfide nonahydrate – ACS reagent, ≥98.0%

Product Number: 208043
Batch Number: MKCN0692
Brand: SIGALD
CAS Number: 1313-84-4
MDL Number: MFCD00149184
Formula: Na₂S · 9H₂O
Formula Weight: 240.18 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 08 SEP 2020



Test	Specification	Result
Appearance (Color)	Colorless to Very Faint Yellow and White to Faint Yellow	White
Appearance (Form) Crystals or Chunks	Conforms to Requirements	Crystals
ICP Major Analysis Confirms Sodium and Sulfur Components	Confirmed	Confirmed
Titration by Na ₂ S ₂ O ₃	≥ 98.0 %	100.2 %
Ammonia (NH ₄)	≤ 0.005 %	< 0.005 %
Assay (Sulfite and Thiosulfate)	≤ 0.1 %	< 0.1 %
Iron (Fe)	Pass	Pass
Meets ACS Requirements	Current ACS Specification	Conforms



Michael Grady, Manager
Quality Control
Milwaukee, WI US

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.

