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Product Specification

Product Name:

Sodium thiocyanate – ≥99.99% trace metals basis

Product Number:

467871

CAS Number:

540-72-7

MDL:

MFCD00011123

Formula:

CNaS

Formula Weight:

81.07 g/mol

NaSCN

TEST	Specification
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Appearance (Color)	White
Appearance (Form)	Conforms to Requirements
Powder, Crystals, Crystalline Powder and/or Chunks	
Titration by AgNO ₃	≥ 98.0 %
Insoluble matter	≤ 0.005 %
c = 13.33%, H ₂ O	
Chloride Content	≤ 0.01 %
Assay	≤ 0.2 %
Carbonate	
Iron (Fe)	≤ 2 ppm
Heavy Metal (as Lead)	≤ 5 ppm
Ammonium (NH ₄)	≤ 0.002 %
Miscellaneous Assay	≤ 0.001 %
Sulfide	
Sulfate	≤ 0.01 %
Meets ACS Requirements	Current ACS Specification
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.1.ZQ5.10000068893

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.