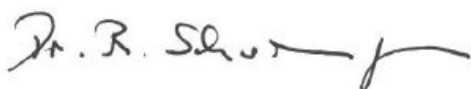


Certificate of Analysis

Product Name: Sulfamic acid
ACS reagent, 99.3 %
Product Number: 383120
Batch Number: BCCG4172
Brand: Sigma-Aldrich
CAS Number: 5329-14-6
Formula: $\text{NH}_2\text{SO}_3\text{H}$
Formula Weight: 97.09
Quality Release Date: 20 AUG 2021
Recommended Retest Date: AUG 2023

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	CRYSTALS	CRYSTALS
TITRATION (T) NAOH 1M	99.3 - 100.3 % (DRIED BASIS)	99.9 %
RESIDUE ON IGNITION	≤ 0.01 %	0.00 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS	CORRESPONDS TO ACS (11TH ED.)
REMARKS ON ACS	INSOLUBLE MATTER ≤ 0.01 % (C=5%, H ₂ O) HEAVY METALS ≤ 0.001%(AS PB)	INSOLUBLE MATTER < 0.01 % (C=5%, H ₂ O) HEAVY METALS < 0.001%(AS PB)
IRON (ICP)	≤ 5 MG/KG	< 5 MG/KG
CHLORIDE (CL)	≤ 10 MG/KG	< 10 MG/KG
SULFATE (SO ₄)	≤ 500 MG/KG	< 500 MG/KG



Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland

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.