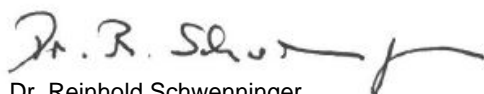


Certificate of Analysis

Product Name: Sulfanilic acid
ACS reagent, 99 %
Product Number: 251917
Batch Number: BCCG9491
CAS Number: 121-57-3
Formula: 4-(H₂N)C₆H₄SO₃H
Formula Weight: 173.19
Quality Release Date: 28 JAN 2022

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO BEIGE TO GRAY	OFF-WHITE
APPEARANCE (FORM)	POWDER	POWDER
TITRATION (T) NAOH 0.1M	98.5 - 101.5 %	99.8 %
SOLUBILITY (COLOR)	COLORLESS TO ALMOST COLORLESS	COLORLESS
SOLUBILITY (TURBIDITY)	0.02 % INSOLUBLE MATTER (MAXIMUM)	CLEAR
SOLUBILITY (METHOD)	C=5G IN50 ML 5% SODIUMCARBONATE	1G IN 10ML SODIUMCARBONATE 5%
SULFATED ASH	≤ 0.01 %	0.00 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
CHLORIDE (CL)	0.002 % (MAXIMUM)	< 0.002 %
NITRITE (NO2)	0.5 PPM (MAXIMUM)	< 0.5 PPM
SULFATE (SO4)	0.01 % (MAXIMUM)	< 0.01 %



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.

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