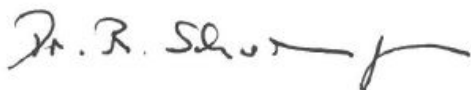


Certificate of Analysis

Product Name: Hydrazine sulfate salt
ACS reagent, $\geq 99.0\%$
Product Number: 216046
Batch Number: BCCG3729
Brand: Sigma-Aldrich
CAS Number: 10034-93-2
Formula: $\text{NH}_2\text{NH}_2 \cdot \text{H}_2\text{SO}_4$
Formula Weight: 130.12
Quality Release Date: 20 AUG 2021

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	POWDER OR CRYSTALS OR CHUNK(S)	CRYSTALS
REDOX TITRATION	$\geq 99.0\%$	99.5 %
RESIDUE ON IGNITION	$\leq 0.05\%$	0.03 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS	CORRESPONDS TO ACS (11TH ED.)
REMARKS ON ACS	HEAVY METALS $\leq 0.002\%$ (AS PB) INSOLUBLE MATTER $\leq 0.005\%$ (C=6.67%, H ₂ O)	HEAVY METALS $\leq 0.002\%$ (AS PB) INSOLUBLE MATTER $\leq 0.005\%$ (C=6.67%, H ₂ O)
IRON (ICP)	$\leq 10\text{ MG/KG}$	$< 10\text{ MG/KG}$
CHLORIDE (CL)	$\leq 50\text{ MG/KG}$	$< 50\text{ MG/KG}$



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.