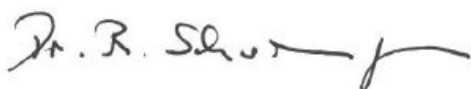


Certificate of Analysis

Product Name: Mercury(II) acetate
ACS reagent, $\geq 98.0\%$
Product Number: 176109
Batch Number: BCCD5793
Brand: Sigma-Aldrich
CAS Number: 1600-27-7
Formula: $(\text{CH}_3\text{COO})_2\text{Hg}$
Formula Weight: 318.68
Quality Release Date: 31 JUL 2020

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE TO OFF WHITE	WHITE
APPEARANCE (FORM)	POWDER	POWDER
TITRATION	$\geq 98.0\%$	100.2 %
ICP ANALYSIS	IDENTITY: CONFIRMS HG	CORRESPONDS
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS	CORRESPONDS TO ACS (11TH ED.)
REMARKS ON ACS	RESIDUE ON REDUCTION $\leq 0.02\%$	RESIDUE ON REDUCTION $< 0.02\%$
	INSOLUBLE MATTER $\leq 0.01\%$	INSOLUBLE MATTER $< 0.01\%$
	OTHER METALS (AS PB) $\leq 0.002\%$	OTHER HEAVY METALS (AS PB) $< 0.002\%$
	MERCUROUS MERCURY $\leq 0.4\%$	MERCUROUS MERCURY 0.1 %
	CHLORIDE (CL) $\leq 0.005\%$	CHLORIDE (CL) $< 0.005\%$
IRON TRACES (F-AAS)	$\leq 10\text{ MG/KG}$	$< 10\text{ MG/KG}$
NITRATE (NO ₃)	$\leq 50\text{ MG/KG}$	$< 50\text{ MG/KG}$
SULFATE (SO ₄)	$\leq 50\text{ MG/KG}$	$< 50\text{ MG/KG}$



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.