



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M1010S  
Lot #: 2021112299

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Acetic Acid**  
Glacial, ACS

F.W.: 60.0500

CHEMICAL FORMULA: CH<sub>3</sub>COOH

CAS No: 64-19-7

Density: 1.0510

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Assay (CH <sub>3</sub> COOH)	99.7% min.	100.0%
Color (APHA)	10 max.	<5
Chloride (Cl)	1 ppm max.	<1 ppm
Heavy metals (by ICP-OES)	0.5 ppm max.	<0.5 ppm
Sulfate (SO <sub>4</sub> )	1 ppm max.	<1 ppm
Substances Reducing Permanganate	To pass test	Passes Test
Substances Reducing Dichromate	To pass test	Passes Test
Residue After Evaporation	0.001% max.	<0.001%
Iron (Fe)	0.2 ppm max.	<0.1 ppm
Dilution Test	To pass test	Passes Test
Acetic Anhydride	0.01% max.	<0.01%
Titrate Base	0.0004 meq/g max.	0.0002 meq/g
Date of Manufacture	Record Actual	10/04/2021
Expiration date	Record Actual	10/04/2023

### REMARKS

It is certified that the above is a true copy of the actual lot analysis.

Eddy Santiago  
Quality Assurance Manager

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