

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Formic Acid 98-100 % AR

Catalog Number : A-2002

Batch Number : 2002-00000000

CAS Number : 64-18-6

Molecular Weight : 46.03 g/mol

Mol. Formula : CH₂O₂

Expire Date : 60 months



No	Test	Specifications	Results
1	Appearance	Clear colorless liquid with a pungent odour	Clear colorless liquid with a pungent odour
2	Assay (acidimetric)	min 98.0 %	99.12%
3	Color	max 15 Hazen	10 Hazen
4	Wt.per ml at 20 °C	1.216 – 1.220 g/cm ³	1.217 g/cm ³
5	Freezing point	min 5.5 °C	6.6 °C
6	Insoluble matter in water	passes test	Passes test
7	Residu on Evaporation	max 0.002 %	0.0016%
8	Acetic Acid (CH ₃ COOH)	max 0.3 %	0.05%
9	Ammonium (NH ₄)	max 0.005 %	< 0.005 %
10	Chloride (Cl)	max 0.0005 %	0.00016%
11	Nitrogen compound (N)	max 0.002 %	0.0003%
12	Sulphate (SO ₄)	max 0.001 %	0.0005%
13	Sulphite (SO ₃)	max 0.001 %	0.0006%
14	Copper (Cu)	max 0.0005 %	0.00014%
15	Iron (Fe)	max 0.0003 %	0.00018%
16	Lead (Pb)	max 0.0005 %	0.00032%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specification

SUDIRO S.Si.
Manager QC