



### SPECIFICATION SHEET

**Product Name** : Formic acid 98-100%, DAC, FCC  
**Product Number** : 923.023  
**Brand** : ISOLAB  
**CAS Number** : 64-18-6  
**Formula** : CH<sub>2</sub>O<sub>2</sub>  
**Formula Weight** : 46.03 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay	≥ 98.0 %	%
Appearance	passes test	
Density	1.216 - 1.220	
Solubility in water	passes test	
Chromatographic purity	passes test	
Infrared spectrum	passes test	
Residual solvents	passes test	
Non-volatile matter	≤ 0.002 %	%
Heavy metals (As Pb)	≤ 0.001 %	%
Acetic acid (GC)	≤ 0.05 %	%
Sulphites (SO <sub>3</sub> )	≤ 0.001 %	%
Sulfate (SO <sub>4</sub> )	≤ 0.001 %	%
Chloride (Cl)	≤ 0.0005 %	%
Cu (Copper)	≤ 0.0005 %	%
Iron (Fe)	≤ 0.0003 %	%
Lead (Pb)	≤ 0.0005 %	%
Nitrogen compounds (N)	≤ 0.002 %	%

Quality Management  
Isolab Laborgerate GmbH

