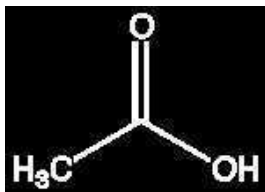


## ACETIC ACID, SOLUTION 80%

AC0351 Acetic acid, solution 80% v/v, EssentQ®



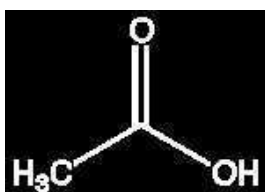
- Synonyms: Methane carboxylic acid solution, Methylformic acid solution
- $\text{CH}_3\text{COOH}$
- $M = 60,05 \text{ g/mol}$
- CAS [64-19-7]
- EINECS-No.: 200-580-7
- Density:  $1,07 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Flash pt. 59 °C
- LD 50 (oral, rat): 3310 mg/kg
- EC-Index-No.: 607-002-00-6
- ADR: 8 CF1 II UN 2789
- IMDG: 8 II UN 2789
- IATA/ICAO: 8 II UN 2789
- GHS-signal word: Danger
- GHS-H sentences: H314 - H226 - H312
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2915 21 00 00
- Applications: analytical chemistry, synthesis of organic products, acidifying agent, for pharmaceutical use, in food industry.

assay (acidimetric) . . . . . min. 80 %  
chlorides (Cl) . . . . . max. 0,0002 %  
sulfates ( $\text{SO}_4$ ) . . . . . max. 0,0005 %  
aluminium (Al) . . . . . max. 0,5 ppm  
arsenic (As) . . . . . max. 2 ppm  
iron (Fe) . . . . . max. 5 ppm  
heavy metals (as Pb) . . . . . max. 5 ppm  
zinc (Zn) . . . . . max. 5 ppm  
substances reducing  $\text{KMnO}_4$  . . . . . passes test  
residue on evaporation . . . . . max. 0,003 %

ART. NO.	VOLUME	CONTAINER
AC03511000	1 l	0
AC0351005P	5 l	P

## ACETIC ACID, SOLUTION 60%

AC0349 Acetic acid, solution 60% v/v, EssentQ®



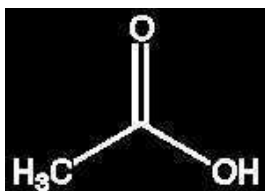
- Synonyms: Methane carboxylic acid solution, Methylformic acid solution
- $\text{CH}_3\text{COOH}$
- $M = 60,05 \text{ g/mol}$
- CAS [64-19-7]
- EINECS-No.: 200-580-7
- Flash pt. 78 °C
- LD 50 (oral, rat): 3310 mg/kg (pure substance)
- EC-Index-No.: 607-002-00-6
- ADR: 8 C3 II UN 2790
- IMDG: 8 II UN 2790
- IATA/ICAO: 8 II UN 2790
- GHS-signal word: Danger
- GHS-H sentences: H314 - H226 - H312
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2915 21 00 00
- Applications: analytical chemistry, synthesis of organic products, acidifying agent, for pharmaceutical use, in food industry.

assay (acidimetric) . . . . . min. 60 %  
chlorides (Cl) . . . . . max. 0,0002 %  
sulfates ( $\text{SO}_4$ ) . . . . . max. 0,0005 %  
aluminium (Al) . . . . . max. 0,5 ppm  
arsenic (As) . . . . . max. 2 ppm  
copper (Cu) . . . . . max. 5 ppm  
iron (Fe) . . . . . max. 5 ppm  
lead (Pb) . . . . . max. 5 ppm  
zinc (Zn) . . . . . max. 5 ppm  
substances reducing  $\text{KMnO}_4$  . . . . . max. 0,005 %  
residue on evaporation . . . . . max. 0,003 %

ART. NO.	VOLUME	CONTAINER
AC03491000	1 l	0
AC03492500	2,5 l	0

## ACETIC ACID, VOLUMETRIC SOLUTIONS

AC0365 Acetic acid, solution 1 mol/l (1 N)



- $\text{CH}_3\text{COOH}$
- $M = 60,05 \text{ g/mol}$
- CAS [64-19-7]
- EINECS-No.: 200-580-7
- Density:  $1,01 \text{ g/cm}^3$
- EC-Index-No.: 607-002-00-6
- Tariff number: 2915 21 00 00
- Applications: analytical chemistry, acidifying agent, titrant in volumetric analysis.
- Appearance: Colourless clear liquid

factor . . . . . 0,999 - 1,001  
uncertainty  $\pm 0,001$   
1 ml = 0,060 g  $\text{CH}_3\text{COOH}$   
This volumetric solution was checked by means of potentiometric methods using a sodium hydroxide standard solution, that was also checked against Scharlau's potassium hydrogen phthalate volumetric standard. Scharlau's volumetric standards are directly traceable to the Standard Reference Materials from NIST (National Institute of Standards and Technology, USA).

ART. NO.	VOLUME	CONTAINER
AC03651000	1 l	0

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z