

AC0359 Acetic acid glacial, Ultratrace®, ppt-trace analysis grade

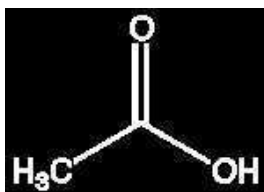


assay (acidimetric) min. 99 %	molybdenum (Mo) max. 10 ppt
aluminium (Al) max. 50 ppt	neodymium (Nd) max. 1 ppt
antimony (Sb) max. 50 ppt	nickel (Ni) max. 50 ppt
arsenic (As) max. 50 ppt	platinum (Pt) max. 50 ppt
barium (Ba) max. 10 ppt	potassium (K) max. 50 ppt
beryllium (Be) max. 10 ppt	praseodymium (Pr) max. 1 ppt
bismuth (Bi) max. 10 ppt	rhenium (Re) max. 10 ppt
cadmium (Cd) max. 10 ppt	rhodium (Rh) max. 50 ppt
calcium (Ca) max. 50 ppt	rubidium (Rb) max. 10 ppt
cerium (Ce) max. 10 ppt	ruthenium (Ru) max. 50 ppt
cesium (Cs) max. 10 ppt	samarium (Sm) max. 1 ppt
chromium (Cr) max. 10 ppt	scandium (Sc) max. 10 ppt
cobalt (Co) max. 10 ppt	silver (Ag) max. 50 ppt
copper (Cu) max. 10 ppt	sodium (Na) max. 100 ppt
dysprosium (Dy) max. 1 ppt	strontium (Sr) max. 10 ppt
erbium (Er) max. 1 ppt	tellurium (Te) max. 1 ppt
europium (Eu) max. 1 ppt	terbium (Tb) max. 1 ppt
gadolinium (Gd) max. 1 ppt	thallium (Tl) max. 10 ppt
gallium (Ga) max. 10 ppt	thorium (Th) max. 1 ppt
germanium (Ge) max. 10 ppt	thulium (Tm) max. 1 ppt
hafnium (Hf) max. 10 ppt	tin (Sn) max. 50 ppt
holmium (Ho) max. 1 ppt	titanium (Ti) max. 10 ppt
indium (In) max. 1 ppt	tungsten (W) max. 10 ppt
iron (Fe) max. 50 ppt	uranium (U) max. 1 ppt
lanthanum (La) max. 1 ppt	vanadium (V) max. 10 ppt
lead (Pb) max. 10 ppt	ytterbium (Yb) max. 1 ppt
lithium (Li) max. 10 ppt	yttrium (Y) max. 1 ppt
lutetium (Lu) max. 10 ppt	zinc (Zn) max. 50 ppt
magnesium (Mg) max. 50 ppt	zirconium (Zr) max. 10 ppt
manganese (Mn) max. 10 ppt	

ART. NO.	VOLUME	CONTAINER
AC03590250	250 ml	

ACETIC ACID, 96%

AC0354 Acetic acid, solution 96% v/v, ExpertQ®, for analysis



- Synonyms: Methane carboxylic acid, Methylformic acid
- CH_3COOH
- $M = 60,05 \text{ g/mol}$
- CAS [64-19-7]
- EINECS-No.: 200-580-7
- Density: $\sim 1,05 \text{ g/cm}^3$
- Solub. in water: (20 °C): miscible
- Melting point: 17 °C
- Boiling point: 117 °C
- Flash pt. 43 °C
- Ignition temp.: 485 °C
- Vapour pressure: (20 °C) 15,4 hPa
- Refraction index: (20 °C) 1,37
- 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. 96 %	insoluble in water passes test
colour (Hazen) max. 10	chlorides (Cl) max. 0,00005 %
phosphates (as PO_4) max. 0,00005 %	sulfates (SO_4) max. 0,00005 %
aluminium (Al) max. 0,05 ppm	arsenic (As) max 0,01 ppm
barium (Ba) max 0,01 ppm	beryllium (Be) max. 0,02 ppm
bismuth (Bi) max. 0,1 ppm	boron (B) max. 0,1 ppm
cadmium (Cd) max. 0,05 ppm	calcium (Ca) max. 0,2 ppm
chromium (Cr) max. 0,02 ppm	cobalt (Co) max 0,01 ppm
copper (Cu) max. 0,02 ppm	gallium (Ga) max. 0,05 ppm
germanium (Ge) max. 0,05 ppm	gold (Au) max 0,01 ppm
indium (In) max. 0,05 ppm	iron (Fe) max. 0,1 ppm
lead (Pb) max. 0,02 ppm	lithium (Li) max 0,01 ppm
magnesium (Mg) max. 0,05 ppm	manganese (Mn) max 0,01 ppm
molybdenum (Mo) max. 0,02 ppm	nickel (Ni) max. 0,02 ppm
platinum (Pt) max. 0,1 ppm	potassium (K) max. 0,1 ppm
silver (Ag) max 0,01 ppm	sodium (Na) max. 0,5 ppm
strontium (Sr) max 0,01 ppm	thallium (Tl) max. 0,05 ppm
tin (Sn) max. 0,05 ppm	titanium (Ti) max. 0,1 ppm
vanadium (V) max 0,01 ppm	zinc (Zn) max. 0,05 ppm
zirconium (Zr) max. 0,1 ppm	acetaldehyde (CH_3CHO) max. 0,0002 %
acetic anhydride ($\text{CH}_3\text{CO}_2\text{O}$) max. 0,01 %	substances reducing KMnO_4 passes test
substances reducing $\text{K}_2\text{Cr}_2\text{O}_7$ passes test	substances reducing iodine negative reaction
residue on evaporation max. 0,0005 %	

ART. NO.	VOLUME	CONTAINER
AC03541000	1 l	
AC03542500	2,5 l	

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