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

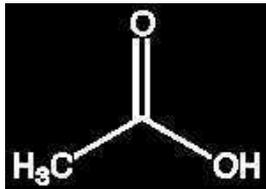


assay (acidimetric)	min. 99 %	molybdenum (Mo)	max. 10 ppt
aluminium (Al)	max. 50 ppt	neodymium (Nd)	max. 1 ppt
antimony (Sb)	max. 50 ppt	nickel (Ni)	max. 50 ppt
arsenic (As)	max. 50 ppt	platinum (Pt)	max. 50 ppt
barium (Ba)	max. 10 ppt	potassium (K)	max. 50 ppt
beryllium (Be)	max. 10 ppt	praseodymium (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
- CH₃COOH
- M = 60,05 g/mol
- CAS [64-19-7]
- EINECS-No.: 200-580-7
- Density: ~ 1,05 g/cm³
- 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 ₃ CHO)	max. 0,0002 %
acetic anhydride (CH ₃ CO) ₂ O	max. 0,01 %
substances reducing KMnO ₄	passes test
substances reducing K ₂ Cr ₂ 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	