

neoFroxx GmbH

Marie-Curie-Str. 3
64683 Einhausen
+49 6251 989 240
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www.neofroxx.com

Specification

Product	Acetic acid 100 % p.A.
Product number	LC-7167
Synonyms	Acetic acid glacial
Formula	C ₂ H ₄ O ₂
Molecular weight	60.05 g/mol
CAS number	64-19-7
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (GC)	>= 99.7 %
Colour	<= 10 Hazen
Alkalinity	<= 0.0004 meq/g
Insoluble matter	passes test
Non-volatile matter	<= 0.001 %
Substances reducing potassium permanganate	passes test
Residue on ignition (Ash)	<= 0.0005 %
Chloride (Cl)	<= 0.00004 %
Phosphate (PO ₄)	<= 0.00004 %
Sulfate (SO ₄)	<= 0.0001 %
Nitrate (NO ₃)	<= 0.0001 %
Acetaldehyde (CH ₃ CHO)	<= 0.0002 %
Acetic anhydride [(CH ₃ CO) ₂ O]	<= 0.01 %
Formate (HCOO)	<= 0.01 %
Water	<= 0.2 %
Heavy metals (Pb)	<= 0.00005 %
Silver (Ag)	<= 0.000001 %
Arsenic (As)	<= 0.00005 %
Gold (Au)	<= 0.00001 %

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Boron (B)	<= 0.000005 %
Barium (Ba)	<= 0.00001 %
Beryllium (Be)	<= 0.000001 %
Bismuth (Bi)	<= 0.000005 %
Calcium (Ca)	<= 0.00005 %
Cadmium (Cd)	<= 0.000001 %
Cobalt (Co)	<= 0.000001 %
Chromium (Cr)	<= 0.000002 %
Copper (Cu)	<= 0.000001 %
Iron (Fe)	<= 0.00001 %
Gallium (Ga)	<= 0.000005 %
Germanium (Ge)	<= 0.000002 %
Mercury (Hg)	<= 0.00001 %
Indium (In)	<= 0.000005 %
Potassium (K)	<= 0.00001 %
Lithium (Li)	<= 0.000001 %
Magnesium (Mg)	<= 0.00001 %
Manganese (Mn)	<= 0.000001 %
Molybdenum (Mo)	<= 0.000002 %
Sodium (Na)	<= 0.00005 %
Nickel (Ni)	<= 0.000005 %
Lead (Pb)	<= 0.00005 %
Platinum (Pt)	<= 0.00001 %
Antimony (Sb)	<= 0.000002 %
Silicon (Si)	<= 0.00001 %
Tin (Sn)	<= 0.000005 %
Strontium (Sr)	<= 0.000005 %

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Titanium (Ti)	$\leq 0.000005 \%$
Thallium (Tl)	$\leq 0.000002 \%$
Vanadium (V)	$\leq 0.000002 \%$
Zinc (Zn)	$\leq 0.000005 \%$
Zirconium (Zr)	$\leq 0.000005 \%$

Einhausen, 27.06.2025