

33209 Acetic acid Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥99.8%

Specyfikacja:

Property	Value
APPEARANCE (COLOR)	COLORLESS (HAZEN < 10)
PROOF OF IDENTITY	CORRESPONDS TO REQUIREMENTS
TRACE ANALYSIS (ADDITIONAL TESTS)	INDIFFERENCE AGAINST CHROMIC ACID PASSES TEST KMNO4 RED. MATTER ≤ 0.002 %
ACS SPECIFICATIONS	CORRESPONDS TO REQUIREMENTS
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS
SILVER (ICP)	0 - 0.01 mg/kg
ALUMINIUM (ICP)	0 - 0.05 mg/kg
BARIUM (ICP)	0 - 0.01 mg/kg
BERYLLIUM (ICP)	0 - 0.01 mg/kg
BISMUTH (ICP)	0 - 0.1 mg/kg
CALCIUM (ICP)	0 - 0.2 mg/kg
APPEARANCE (FORM)	Liquid
CADMIUM (ICP)	0 - 0.02 mg/kg
COBALT (ICP)	0 - 0.01 mg/kg
CHROMIUM (ICP)	0 - 0.05 mg/kg
COPPER (ICP)	0 - 0.01 mg/kg
IRON (ICP)	0 - 0.2 mg/kg
GERMANIUM (ICP)	0 - 0.05 mg/kg
POTASSIUM (ICP)	0 - 0.1 mg/kg
LITHIUM (ICP)	0 - 0.01 mg/kg
MAGNESIUM (ICP)	0 - 0.1 mg/kg
MANGANESE (ICP)	0 - 0.01 mg/kg
COLOR (IN APHA)	0 - 10 APHA
MOLYBDENUM (ICP)	0 - 0.02 mg/kg
SODIUM (ICP)	0 - 0.5 mg/kg
NICKEL (ICP)	0 - 0.05 mg/kg
LEAD (ICP)	0 - 0.02 mg/kg
STRONTIUM (ICP)	0 - 0.01 mg/kg
TITANIUM (ICP)	0 - 0.01 mg/kg
THALLIUM (ICP)	0 - 0.05 mg/kg
VANADIUM (ICP)	0 - 0.01 mg/kg
ZINC (ICP)	0 - 0.05 mg/kg
ZIRCONIUM (ICP)	0 - 0.1 mg/kg
TITRATION (T) NAOH 1M	99.8 - 100.2 %
ARSENIC TRACES (MHS-AAS)	0 - 0.01 mg/kg
CHLORIDE (CL)	0 - 0.5 mg/kg
PHOSPHATE (PO4)	0 - 0.5 mg/kg
SULFATE (SO4)	0 - 0.5 mg/kg
PURITY (GC AREA %)	99.8 - 100 % rel
REMARKS ON GC	ACETIC ANHYDRIDE ≤ 0.01 %
FREEZING POINT	16.3 - 16.7 C
WATER	0 - 0.2 %
RESIDUE (EVAPORATION)	0 - 0.0005 %

Właściwości fizyczne:

Property	Value
Cation traces	Mo: ≤0.02 mg/kg
Transition temp	freezing point ≥16.3 °C
Assay	≥99.8%
Refractive index	$n_{20/D}$ 1.371(lit.)
Expl. lim.	4 %, 59 °F
Grade	puriss. p.a.
Color	APHA: ≤10
Vapor density	2.07 (vs air)
Impurities	≤0.01% acetic anhydride (GC)
Mp	16.2 °C(lit.)
Autoignition temp.	800 °F
Anion traces	chloride (Cl ⁻): ≤0.5 mg/kg
Density	1.05 g/cm ³
Bp	117-118 °C(lit.)
Suitability	passes test for indifference to chromic acid
Boiling point	118 °C
Freezing point	16 °C

Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	40 °C
Hazard Class	8
Package Group	II
UN ID	2789