

Certificate of Analysis

Acetic acid glacial
≥99.99% trace metals basis

Product Number	PSR44061	CAS No.	64-19-7
Brand	PureSynth	Lot No.	A44061H0424
Molecular Formula	C ₂ H ₄ O ₂	Date of Mfg.	April,2024
Molecular Weight	60.05 g/mol	Date of Exp.	March,2027

Test	Specification	Result
Appearance	Colorless liquid	Colorless liquid
Assay (By GC)	≥ 99.99 %	99.99 %
Water (KF)	NMT 0.2 %	< 0.2 %
Silver (Ag)	NMT 0.01 ppm	< 0.01 ppm
Aluminium (Al)	NMT 0.05 ppm	< 0.05 ppm
Arsenic (As)	NMT 0.01 ppm	< 0.01 ppm
Barium (Ba)	NMT 0.01 ppm	< 0.01 ppm
Beryllium (Be)	NMT 0.01 ppm	< 0.01 ppm
Bismuth (Bi)	NMT 0.1 ppm	< 0.1 ppm
Calcium (Ca)	NMT 0.2 ppm	< 0.2 ppm
Cadmium (Cd)	NMT 0.02 ppm	< 0.02 ppm
Cobalt (Co)	NMT 0.01 ppm	< 0.01 ppm
Chromium (Cr)	NMT 0.05 ppm	< 0.05 ppm
Copper (Cu)	NMT 0.5 ppm	< 0.5 ppm

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Iron (Fe)	NMT 0.2 ppm	< 0.2 ppm
Germanium (Ge)	NMT 0.05 ppm	< 0.05 ppm
Potassium (K)	NMT 0.1 ppm	< 0.1 ppm
Lithium (Li)	NMT 0.01 ppm	< 0.01 ppm
Magnesium (Mg)	NMT 0.1 ppm	< 0.1 ppm
Manganese (Mn)	NMT 0.01 ppm	< 0.01 ppm
Molybdenum (Mo)	NMT 0.02 ppm	< 0.02 ppm
Sodium (Na)	NMT 0.5 ppm	< 0.5 ppm
Nickel (Ni)	NMT 0.05 ppm	< 0.05 ppm
Lead (Pb)	NMT 0.02 ppm	< 0.02 ppm
Strontium (Sr)	NMT 0.01 ppm	< 0.01 ppm
Titanium (Ti)	NMT 0.01 ppm	< 0.01 ppm
Thallium (Tl)	NMT 0.05 ppm	< 0.05 ppm
Vanadium (V)	NMT 0.01 ppm	< 0.01 ppm
Zinc (Zn)	NMT 0.1 ppm	< 0.1 ppm
Zirconium (Zr)	NMT 0.1 ppm	< 0.1 ppm
Chloride (Cl)	NMT 0.5 ppm	< 0.5 ppm
Phosphate (PO ₄)	NMT 0.5 ppm	< 0.5 ppm
Sulfate (SO ₄)	NMT 0.5 ppm	< 0.5 ppm
¹ H NMR Spectrum	Conforms to Structure	Conforms
IR Spectrum	Conforms to structure	Conforms

Condition: Store at room temperature and keep the container tightly closed.

Remark: The batch complies with the prescribed quality of the above specification.

Approved By
Head - Technical

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