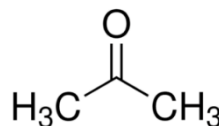


Product Specification

Product Name:

Acetone Semiconductor grade *PurElectra*, ≥99.5%

Product No.: PSR49639
Brand: PureSynth
CAS No.: 67-64-1
Molecular Formula: C₃H₆O
Molecular Weight: 58.08 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay	≥99.5 %
Boiling Point	55.5 - 56.5 °C
Density (D20/4)	0.790 - 0.792 g/cm ³
Refractive Index (n ₂₀ /D)	1.358 - 1.360
Non-volatile matter	NMT 5 ppm
Water (By KF)	NMT 0.2 %
Free acid (as CH ₃ COOH)	NMT 20 ppm
Free alkali (as NH ₃)	NMT 2 ppm
Aluminium (Al)	NMT 0.05 ppm
Antimony (Sb)	NMT 0.01 ppm
Arsenic (As)	NMT 0.01 ppm
Barium (Ba)	NMT 0.02 ppm
Beryllium (Be)	NMT 0.01 ppm
Bismuth (Bi)	NMT 0.02 ppm
Boron (B)	NMT 0.01 ppm
Cadmium (Cd)	NMT 0.01 ppm
Calcium (Ca)	NMT 0.05 ppm
Chromium (Cr)	NMT 0.01 ppm
Chloride (Cl)	NMT 0.1 ppm
Copper (Cu)	NMT 0.01 ppm
Gallium (Ga)	NMT 0.01 ppm
Gold (Au)	NMT 0.02 ppm
Indium (In)	NMT 0.01 ppm
Iron (Fe)	NMT 0.05 ppm
Lead (Pb)	NMT 0.01 ppm
Lithium (Li)	NMT 0.01 ppm
Magnesium (Mg)	NMT 0.02 ppm

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at technical@pure-synth.com

Manganese (Mn)	NMT 0.01 ppm
Molybdenum (Mo)	NMT 0.01 ppm
Nickel (Ni)	NMT 0.01 ppm
Platinum (Pt)	NMT 0.02 ppm
Potassium (K)	NMT 0.02 ppm
Silver (Ag)	NMT 0.01 ppm
Sodium (Na)	NMT 0.05 ppm
Strontium (Sr)	NMT 0.01 ppm
Sulfate (SO ₄)	NMT 1.0 ppm
Tin (Sn)	NMT 0.02 ppm
Thallium (Tl)	NMT 0.01 ppm
Titanium (Ti)	NMT 0.01 ppm
Vanadium (V)	NMT 0.01 ppm
Zinc (Zn)	NMT 0.02 ppm
Zirconium (Zr)	NMT 0.01 ppm
Aldehydes (as HCHO)	NMT 10 ppm
Ethanol (By GC)	NMT 100 ppm
Methanol (By GC)	NMT 500 ppm
KMnO ₄ red. matter (as O)	NMT 2.0 ppm

Specification: PE-1.0-QA/008

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