

**Product Name** : Ethyl Alcohol 99.9% (Ethanol Absolute 99.9% Denatured), Grade AR  
**Product Code** : E7025-1 **CAS Number** : 64-17-5  
**Formula** : C<sub>2</sub>H<sub>6</sub>O **M. wt** : 46.07 g/mol  
**Packing** : 1, 2.5, 4, 5, 20 Liter

Parameter	Specification
Purity (GC)	min. 99.9 %
Identity (IR)	conforms
Free alkali (as NH <sub>3</sub> )	max. 3 ppm
Free acid (as CH <sub>3</sub> COOH)	max. 10 ppm
Heavy metals (as Pb)	max. 0.2 ppm
Silver (Ag)	max. 0.02 ppm
Al Aluminium (Al)	max. 0.2 ppm
Arsenic (As)	max. 0.01 ppm
Gold (Au)	max. 0.1 ppm
Barium (Ba)	max. 0.1 ppm
Beryllium (Be)	max. 0.02 ppm
Bismuth (Bi)	max. 0.1 ppm
Calcium (Ca)	max. 0.6 ppm
Cadmium (Cd)	max. 0.05 ppm
Cobalt (Co)	max. 0.05 ppm
Chromium (Cr)	max. 0.05 ppm
Copper (Cu)	max. 0.02 ppm
Iron (Fe)	max. 0.1 ppm
Gallium (Ga)	max. 0.02 ppm
Indium (In)	max. 0.02 ppm
Lithium (Li)	max. 0.02 ppm
Potassium (K)	max. 0.2 ppm
Magnesium (Mg)	max. 0.1 ppm
Manganese (Mn)	max. 0.02 ppm
Molybdenum (Mo)	max. 0.05 ppm
Sodium (Na)	max. 0.5 ppm
Nickel (Ni)	max. 0.02 ppm
Lead (Pb)	max. 0.05 ppm
Platinum (Pt)	max. 0.2 ppm
Antimony (Sb)	max. 0.01 ppm
Tin (Sn)	max. 0.1 ppm
Strontium (Sr)	max. 0.02 ppm
Titanium (Ti)	max. 0.1 ppm
Thallium (Tl)	max. 0.05 ppm
Vanadium (V)	max. 0.05 ppm
Zinc (Zn)	max. 0.1 ppm
Zirconium (Zr)	max. 0.2 ppm
Evaporation residue	max. 10 ppm
Water	max. 0.20 %
Methanol (CH <sub>3</sub> OH)	max. 100 ppm
2-Propanol	max. 100 ppm
1-Propanol	max. 50 ppm
1-Butanol	max. 50 ppm
Contains Bitrex 5~10 ppm/L	passes test

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