



Product Specification

Product Name: METHANOL AR

Alternate Name(s) Methyl alcohol.

Description

Colourless, mobile, volatile liquid. Appearance: clear.

Properties

Chemical Formula:

Molecular Weight: 32.04

Product Code: MA004

CAS No. 67-56-1

General Information:

Miscible with water, alcohols and ether. Highly flammable liquid.

Hazard and Safety Data

UN Group: II
Class: 3
UN Number: 1230
Hazchem code: •2WE
CS MSDS Code: 1CH4F
Poison schedule: S6
Emergency
Procedure Guide No.: 16

Quality Specification

Assay: 99.9% min.

Specific Properties and Impurities [Typical levels]:

Colour	≤ 10
Residue after evaporation	≤ 0.001%
Titration Acid	≤ 0.0003 mEq./g
Titration base	≤ 0.0002 mEq./g
Acetaldehyde	≤ 0.001%
Acetone	≤ 0.001%
Formaldehyde	≤ 0.001%
Solubility in water	Passes test
Water (H ₂ O)	≤ 0.1%
Substances darkened by H ₂ SO ₄	Passes test
Substances reducing KMnO ₄	Passes test
Aluminium (Al)	≤ 0.00002%
Arsenic (As)	≤ 0.000002%
Barium (Ba)	≤ 0.000005%
Beryllium (Be)	≤ 0.000002%
Bismuth (Bi)	≤ 0.000002%
Cadmium (Cd)	≤ 0.000002%
Chromium (Cr)	≤ 0.000002%
Cobalt (Co)	≤ 0.000002%
Copper (Cu)	≤ 0.000002%
Gallium (Ga)	≤ 0.000002%
Gold (Au)	≤ 0.000002%
Indium (In)	≤ 0.000002%
Iron (Fe)	≤ 0.00001%
Lead (Pb)	≤ 0.000005%
Lithium (Li)	≤ 0.000002%

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Magnesium (Mg)	≤ 0.000005%
Manganese (Mn)	≤ 0.000002%
Molybdenum (Mo)	≤ 0.000002%
Nickel (Ni)	≤ 0.000002%
Platinum (Pt)	≤ 0.000005%
Silver (Ag)	≤ 0.000002%
Thallium (Tl)	≤ 0.000002%
Tin (Sn)	≤ 0.000005%
Titanium (Ti)	≤ 0.000002%
Vanadium (V)	≤ 0.000002%
Zinc (Zn)	≤ 0.00002%
Zirconium (Zr)	≤ 0.000002%

CONFORMS TO ACS

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