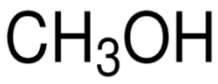
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PureSynth®
Research Chemicals

Product Specification

Product Name:
Methanol, ACS Pur*Reagent* Plus, Reag. ISO, Reag. Ph. Eur., ≥99.8% (GC)

Product No.:	PSR49158
Brand:	PureSynth
CAS No.:	67-56-1
Molecular Formula:	CH_4O
Molecular Weight:	32.04 g/mol



Test	Specification
Appearance	Colorless Liquid
Assay (By GC)	≥ 99.8 %
Water (By KF)	NMT 0.050 %
Density	0.791 - 0.793 g/cm^3
Refractive index (at 20 °C)	1.328 - 1.330
Boiling Point	64 - 65 °C
APHA	NMT 10
Free Acid (as HCOOH)	NMT 0.002 %
Free Alkali (as NH_3)	NMT 0.00005 %
Residue after evaporation	NMT 0.0005 %
Reducing Substances (as O)	NMT 0.00025 %
Aldehyde (as CH_3CHO)	NMT 0.001 %
Formaldehyde	NMT 0.001 %
Acetaldehyde	NMT 0.001 %
Ketones (as CH_3COCH_3)	NMT 0.001 %
Aluminium (Al)	NMT 0.50 ppm
Barium (Ba)	NMT 0.10 ppm
Bismuth (Bi)	NMT 0.10 ppm
Cadmium (Cd)	NMT 0.05 ppm
Calcium (Ca)	NMT 0.50 ppm
Chromium (Cr)	NMT 0.02 ppm
Chloride (Cl)	NMT 0.50 ppm
Cobalt (Co)	NMT 0.02 ppm
Copper (Cu)	NMT 0.01 ppm
Iron (Fe)	NMT 0.10 ppm
Lead (Pb)	NMT 0.02 ppm
Lithium (Li)	NMT 0.10 ppm
Magnesium (Mg)	NMT 0.10 ppm
Manganese (Mn)	NMT 0.01 ppm
Molybdenum (Mo)	NMT 0.10 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

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Nickel (Ni)	NMT 0.02 ppm
Potassium (K)	NMT 0.50 ppm
Sodium (Na)	NMT 0.50 ppm
Sulfate (SO_4)	NMT 1.00 ppm
Tin (Sn)	NMT 0.10 ppm
Zinc (Zn)	NMT 0.10 ppm
Substances Darkened (by H_2SO_4)	Complies
Carbonyl Compounds	NMT 0.005 %

Specification No.: PR-1.0-QA/964

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