

neoFroxx GmbH

Marie-Curie-Str. 3
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coa@neofroxx.com
www.neofroxx.com

Specification

Product	Methanol p.A., ACS (revised)
Product number	LC-7011
Synonyms	Carbinol, Methyl alcohol
CAS number	67-56-1
Formula	CH ₃ OH
Molecular weight	32.04 g/mol
Storage	below 25°C
Retest period (months)	48

We herewith confirm that this product meets the requirements of the American Chemical Society (ACS) grade reagents (revised).

Parameter	Specification
Assay (GC)	>= 99.8 %
Appearance (revised)	clear and colourless liquid
Identity	passes test
Solubility (revised)	passes test
Density	0.791 - 0.793
APHA colour	<= 10 Hazen
Acidity	<= 0.0003 meq/g
Alkalinity	<= 0.0002 meq/g
Insoluble matter	passes test
Non-volatile matter	<= 0.001 %
Substances reducing potassium permanganate	passes test (revised)
Darkened substances by H ₂ SO ₄	passes test
Carbonyl compounds	passes test (revised)
Acetaldehyde (CH ₃ CHO)	<= 0.001 %
Acetone (GC)	<= 0.001 %
Formaldehyde (HCHO)	<= 0.001 %
Ethanol (GC)	<= 0.005 %

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Product	Methanol p.A., ACS (revised)
Parameter	Specification
Water (K.F.)	<= 0.1 % (revised)
Silver (Ag)	<= 0.000005 %
Aluminium (Al)	<= 0.00005 %
Arsenic (As)	<= 0.000005 %
Boron (B)	<= 0.000002 %
Barium (Ba)	<= 0.00001 %
Beryllium (Be)	<= 0.000002 %
Bismuth (Bi)	<= 0.000005 %
Calcium (Ca)	<= 0.00001 %
Cadmium (Cd)	<= 0.000005 %
Cobalt (Co)	<= 0.000002 %
Chromium (Cr)	<= 0.000002 %
Copper (Cu)	<= 0.000002 %
Iron (Fe)	<= 0.00001 %
Gallium (Ga)	<= 0.000002 %
Germanium (Ge)	<= 0.000005 %
Mercury (Hg)	<= 0.000005 %
Indium (In)	<= 0.000005 %
Potassium (K)	<= 0.00001 %
Lithium (Li)	<= 0.000005 %
Magnesium (Mg)	<= 0.000005 %
Manganese (Mn)	<= 0.000002 %
Molybdenum (Mo)	<= 0.000002 %
Sodium (Na)	<= 0.00005 %
Nickel (Ni)	<= 0.000002 %
Phosphorus (P)	<= 0.00002 %
Lead (Pb)	<= 0.000002 %

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Sulfur (S)	<= 0.00002 %
Antimony (Sb)	<= 0.000002 %
Silicon (Si)	<= 0.00002 %
Tin (Sn)	<= 0.00001 %
Strontium (Sr)	<= 0.00002 %
Titanium (Ti)	<= 0.000002 %
Thallium (Tl)	<= 0.000002 %
Vanadium (V)	<= 0.000002 %
Zinc (Zn)	<= 0.00001 %
Zirconium (Zr)	<= 0.000002 %
Residue on evaporation (revised)	<= 0.001 %

Einhausen, 16.09.2025