Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

CERTIFICATE OF ANALYSIS

Product: Methyl Alcohol, ACS / SEMI / Electronic Grade
Catalog Number: M1025
Lot Number: A08042603M
Manufacture Date: 08/2026
Expiration Date: 08/2028
CAS #: 67-56-1
Chemical Formula: CH_3OH
Formula Weight: 32.04

Properties	Result	Specification
Methanol (%wt)	99.9	≥99.9
Color (APHA)	<10	≤10
Appearance	Pass	Passes test
Residue after evaporation (%)	<0.0005	≤0.0005
Solubility in water	Pass	Passes test
Titrable Acid (meq/g)	<0.0003	≤0.0003
Titrable Base (meq/g)	<0.0001	≤0.0001
Carbonyl compounds (ppm)	<10	<10
Water (ppm)	100	≤500
Substances darkened by H2SO4	Pass	Passes test
Substances reducing MnO4	Pass	Passes test
Density (g/ml) @ 25°C	0.79	0.79
IR Spectra ACS (TPT)	Pass	Passes test
Chlorides (Cl) ppb	<200	≤200
Phosphate (PO_4) ppb	<500	≤500
Particles, ≥1.0 µm	1	≤ 10/ml

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Trace Metals	Result	Specification (ppb max)
Aluminum (Al)	12	100
Arsenic & Antimony (as As)	<1	10
Boron (B)	<1	10
Calcium (Ca)	<10	100
Chromium (Cr)	<10	100
Copper (Cu)	<1	10
Gold (Au)	<10	100
Iron (Fe)	18	100
Lead (Pb)	<10	100
Magnesium (Mg)	<10	100
Manganese (Mn)	<10	100
Nickel (Ni)	<1	10
Potassium (K)	<10	100
Sodium (Na)	<10	100
Tin (Sn)	<10	100
Titanium (Ti)	<10	100
Zinc (Zn)	<10	100

It is certified on 08/04/26 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

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