Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951

CERTIFICATE OF ANALYSIS

Product: Isopropyl Alcohol, Technical Grade
Catalog Number: I1023
Lot Number: CB-21767
Manufacture Date: 07/14/26
CAS #: 67-63-0
Chemical Formula: C_3H_8O
Formula Weight: 60.10

	Test Method	Specification	Assay
Purity, wt%	GC	99.8 Min	99.9
Methanol (0.02% Max)	GC	Pass	Pass
Ethyl Ether (0.1% Max)	GC	Pass	Pass
Acetone (0.1% Max)	GC	Pass	Pass
Diisopropyl Ether (0.1% Max)	GC	Pass	Pass
1-propanol (0.1% Max)	GC	Pass	Pass
2-butanol (0.1% Max)	GC	Pass	Pass
Any Individual Unspecified Impurity (0.1% Max)	GC	Pass	Pass
Total Impurities(1.0% Max)	GC	Pass	Pass
Water, wt%	TM01-05	0.050 Max	0.028
APHA Color, Pt-Co	TM01-01	5 Max	3
Acidity as Acetic Acid, wt%	TM01-04	0.001 Max	0.001
Appearance	TM01-36	Clear&FFSM	Pass
Density @ 20°C, g/mL	TM01-03	0.785 - 0.786	0.785
Specific Gravity @ 20/20°C	TM01-03	0.785 - 0.787	0.787
Specific Gravity @ 25/25°C	TM01-03	0.783 - 0.787	0.783
Non Volatile Residue, g/100mL	TM01-17	0.0010 Max	0.0002
Refractive Index @ 20°C	TM01-30	1.376 – 1.378	1.377
Distillation IBP, °C	TM01-09	81.8 Min	82.0
Distillation DP, °C	TM01-09	82.8 Max	82.5
Water Miscibility	TM01-37	Clear & Miscible	Pass
Identification by IR	TM01-40	Pass	Pass
Identification by GC Retention	TM01-43	Pass	Pass
UV Absorabance			
Abs @ 230nm	TM12-06	0.30 Max	0.07
Abs @ 250nm	TM12-06	0.10 Max	0.01
Abs @ 270nm	TM12-06	0.03 Max	0.00
Abs @ 290nm	TM12-06	0.02 Max	0.00
Abs @ 310nm	TM12-06	0.01 Max	0.00
Abs Curve Smoothness	TM12-06	Pass	Pass

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It is certified on 10/13/26 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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