

3050 Spruce Street, Saint Louis, MO 63103, USA

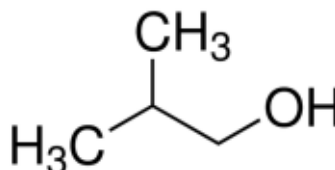
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Certificate of Analysis

Product Name:

2-Methyl-1-propanol - 99.5%

Product Number: 538132
Batch Number: SHBB3320V
Brand: SIAL
CAS Number: 78-83-1
MDL Number: MFCD00004740
Formula: C₄H₁₀O
Formula Weight: 74.12 g/mol
Quality Release Date: 08 JUL 2011



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 0.05 %	0.01 %
Specific Gravity At 20°C	0.802 - 0.804	0.803
Acidity As Acetic Acid	≤ 0.003 %	0.001 %
Color (PCS) APHA	≤ 5	3
Carbonyl compounds	≤ 0.07 %	0.04 %
N-Butyl Alcohol	≤ 0.30 %	0.08 %
Isobutyl Alcohol	≥ 99.50 %	99.72 %
Non-volatile Matter g/100ml	≤ 0.005	0.001

Jamie Gleason, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.