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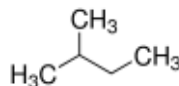
Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

2-Methylbutane - for HPLC, ≥99.5%

**Product Number:** 270342  
**Batch Number:** SHBJ9542  
**Brand:** SIGALD  
**CAS Number:** 78-78-4  
**MDL Number:** MFCD00009338  
**Formula:** C<sub>5</sub>H<sub>12</sub>  
**Formula Weight:** 72.15 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 09 MAY 2018



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
UV Absorbance 400nm	≤ 0.01	< 0.01
UV Absorbance 240nm	≤ 0.01	< 0.01
UV Absorbance 220nm	≤ 0.07	0.02
UV Absorbance 210nm	≤ 0.30	0.02
UV Absorbance 192nm	≤ 1.0	0.2
Purity (GC)	≥ 99.50 %	99.98 %
Water (by Karl Fischer)	≤ 0.02 %	< 0.01 %
Residue on Evaporation	≤ 0.0003 %	< 0.0001 %

Michael Grady, 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.