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Certificate of Analysis

Product Name:

4-Methyl-2-pentanone - ≥99%

Product Number:

537713

Lot Number:

SHBB7336V

Brand:

SIAL

CAS Number:

108-10-1

MDL Number:

MFCD00008938

Formula:

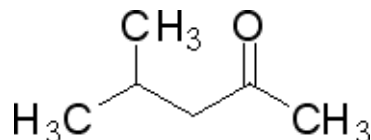
C₆H₁₂O

Formula Weight:

100.16 g/mol

Quality Release Date:

02 NOV 2011



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Refractive index at 25 °C	1.392 - 1.395	1.394
Infrared spectrum	Conforms to Structure	Conforms
Water (by Karl Fischer)	≤ 0.1000 %	0.0035 %
Specific Gravity	0.800 - 0.803 g/cm ³	0.802 g/cm ³
at 20 degrees celsius		
Acidity	≤ 0.0100	0.0009
% as Acetic Acid		
Color Test	≤ 15 APHA	5 APHA
PCS		
Purity	≥ 99.00 %	99.44 %
4-Methyl-2-Pentanone		
Assay	≤ 0.50 %	0.28 %
Alcohol Content		



Jennifer Baughman, 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.