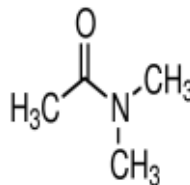


Certificate of Analysis

Product Name:

N,N-Dimethylacetamide - suitable for HPLC, ≥99.9%

Product Number: 270555
Batch Number: SHBN9165
Brand: SIGALD
CAS Number: 127-19-5
MDL Number: MFCD00008686
Formula: C₄H₉NO
Formula Weight: 87.12 g/mol
Quality Release Date: 01 OCT 2021



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 360nm	≤ 0.01	< 0.01
UV Absorbance 320nm	≤ 0.03	0.02
UV Absorbance 310nm	≤ 0.05	0.03
UV Absorbance 290nm	≤ 0.15	0.08
UV Absorbance 280nm	≤ 0.30	0.13
UV Absorbance 270nm	≤ 1.0	0.5
Purity (GC)	≥ 99.90 %	99.98 %
Water (by Karl Fischer)	≤ 0.03 %	0.01 %
Residue on Evaporation	≤ 0.001 %	< 0.001 %

Larry Coers, Director
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.

