

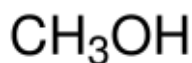
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## Product Specification

Product Name:  
Methanol - for HPLC, gradient grade, ≥99.9%

Product Number: 34885  
CAS Number: 67-56-1  
MDL: MFCD00004595  
Formula: CH<sub>4</sub>O  
Formula Weight: 32.04 g/mol



TEST	Specification
Appearance (Color)	Colorless
Appearance (Form)	Liquid
UV Absorbance 400nm	≤ 0.01
UV Absorbance 260nm	≤ 0.01
UV Absorbance 240nm	≤ 0.05
UV Absorbance 235nm	≤ 0.10
UV Absorbance 230nm	≤ 0.15
UV Absorbance 220nm	≤ 0.30
UV Absorbance 210nm	≤ 0.50
Purity (GC)	≥ 99.90 %
Residue on Evaporation	≤ 0.0003 %
Water (by Karl Fischer)	≤ 0.02 %
Fluorescence 254nm as Quinine	≤ 1.0 ppb
Fluorescence 365nm as Quinine	≤ 1.0 ppb
HPLC Absorbance 230 nm	≤ 2 mAU
HPLC Absorbance 254 nm	≤ 5 mAU
Alkalinity (as NH <sub>3</sub> ) as NH <sub>3</sub>	≤ 0.0005 %
Recommended Retest Period 1095 days	-----

Specification: PRD.3.ZQ5.10000016738

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](http://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.

