

Methanol
BAKER ANALYZED® A.C.S. Reagent
(methyl alcohol)



Material No.: 9070-68
Batch No.: 21K1861023
Manufactured Date: 2021-11-15
Retest Date: 2026-11-14
Revision No.: 0

Certificate of Analysis

Meets ACS Reagent Chemical Requirements

Test	Specification	Result
Assay (CH ₃ OH) (by GC)	≥ 99.8 %	100.0 %
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Substances Reducing KMnO ₄	Passes Test	Passes Test
Solubility in H ₂ O	Passes Test	Passes Test
Color (APHA)	≤ 10	< 5
Water (by KF, coulometric)	≤ 0.1 %	< 0.1 %
Residue after Evaporation	≤ 0.001 %	< 0.001 %
Carbonyl Compounds - Acetaldehyde	≤ 0.001 %	< 0.001 %
Carbonyl Compounds - Acetone	≤ 0.001 %	< 0.001 %
Carbonyl Compounds - Formaldehyde	≤ 0.001 %	< 0.001 %
Titration Acid (μeq/g)	≤ 0.3	0.2
Titration Base (μeq/g)	≤ 0.2	0.1
Heavy Metals (as Pb)	≤ 0.5 ppm	< 0.5 ppm
Trace Impurities - Copper (Cu)	≤ 0.10 ppm	< 0.05 ppm
Trace Impurities - Iron (Fe)	≤ 0.1 ppm	< 0.1 ppm
Trace Impurities - Nickel (Ni)	≤ 0.1 ppm	< 0.1 ppm

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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For Laboratory, Research, or Manufacturing Use

Date Received: ____/____/____

Date Opened: ____/____/____

Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: USA

Packaging Site: Paris Mfg Ctr & DC

A handwritten signature in blue ink that reads 'Jamie Ethier'.
Jamie Ethier
Vice President Global Quality

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