

Methanol

HPLC

Gradient Grade: For use in Liquid Chromatography (HPLC & UHPLC) & Spectrophotometry
(methyl alcohol)



Material No.: 9093-68

Batch No.: 25E3162002

Manufactured Date: 2025-04-23

Expiration Date: 2030-04-22

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (CH ₃ OH) (by GC, corrected for water)	>= 99.9 %	100.0 %
Ultraviolet Absorbance (1.00-cm cell vs. water) – 400–254 nm	<= 0.01	0.01
Ultraviolet Absorbance (1.00-cm cell vs. water) – 225 nm	<= 0.15	0.15
Ultraviolet Absorbance (1.00-cm cell vs. water) – UV Cut-off, nm	<= 205	204
Gradient Elution Test (a.u.) – 254 nm	<= 0.002	<0.001
Fluorescence Trace Impurities, measured as Quinine Base – at 450 nm Emission	<= 0.3 ppb	0.1 ppb
Fluorescence Trace Impurities, measured as Quinine Base – at Emission Maximum for Impurities	<= 1.0 ppb	0.4 ppb
Acetone	<= 0.001 %	<0.001 %
Residue after Evaporation	<= 1.0 ppm	<1.0 ppm
Titration Acid (μeq/g)	<= 0.3	0.3
Titration Base (μeq/g)	<= 0.10	0.03
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory, Research, or Manufacturing Use
Filtered through a .2 micron filter.

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

A handwritten signature in blue ink that reads 'JCroak'.

Jamie Croak
Director Quality Operations, Bioscience Production

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