

Methanol

HPLC

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



Material No.: 9093-68  
Batch No.: 0000284432  
Manufactured Date: 2021/04/15  
Expiration Date: 2024/04/14  
Revision No: 1

## Certificate of Analysis

Test	Specification	Result
Assay (CH <sub>3</sub> 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	0.12
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
Fluorescence Trace Impurities, measured as Quinine Base - at Emission Maximum for Impurities	<= 1.0 ppb	0.4
Acetone	<= 0.001 %	< 0.001
Residue after Evaporation	<= 1.0000 ppm	0.2000
Titration Acid (µeq/g)	<= 0.3	0.3
Titration Base (µeq/g)	<= 0.1	<0.01
Water (by KF, coulometric)	<= 0.05 %	< 0.01

For Laboratory, Research or Manufacturing Use  
Filtered through a 0.2 micron filter.

Country of Origin: US  
Packaging Site: Phillipsburg Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
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