

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



Material No.: 9093-68
Batch No.: P24H101271
Manufactured Date: 2024-08-30
Expiration Date: 2027-08-29
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 v)	≤ 0.01	< 0.01
Ultraviolet Absorbance (1.00-cm cell v)	≤ 0.15	≤ 0.15
Ultraviolet Absorbance (1.00-cm cell v)	≤ 205	205
Gradient Elution Test (a.u.) – 254 nm	≤ 0.002	0.001
Fluorescence Trace Impurities, measured	≤ 0.3 ppb	0.1 ppb
Fluorescence Trace Impurities, measured	≤ 1.0 ppb	0.6 ppb
Acetone	≤ 0.001 %	≤ 0.001 %
Residue after Evaporation	≤ 1.0 ppm	0.5 ppm
Titration Acid (μeq/g)	≤ 0.30	0.12
Titration Base (μeq/g)	≤ 0.10	< 0.01
Water (by KF, coulometric)	≤ 0.05 %	0.04 %
BIS – Description	Passes test	Passes test
BIS – Miscibility with water	Passes test	Passes test
BIS – Purity	≥ 99.85 %	100.00 %
BIS – Relative Density at 27 °C	≤ 0.789	0.788
BIS – Distillation range at 760 mmPressure	Passes test	Passes test
BIS – Residue on evaporation	≤ 0.01 %	< 0.01 %
BIS – Alkalinity (as NH ₃)	≤ 0.03 %	0.02 %
BIS – Acidity (as CH ₃ COOH)	≤ 0.004 %	0.003 %
BIS – Aldehyde and ketones, as Acetone	≤ 0.03 %	0.01 %
BIS – Sulphur and compounds of Sulphur(s)	≤ 0.001 %	< 0.001 %
BIS – Chlorine and Chlorine compounds	Passes test	Passes test
BIS – Water Content	≤ 0.10 %	0.04 %

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For Laboratory, Research, or Manufacturing Use
Filtered through a 0.2 micron filter.
BIS Description: The material shall be clear and colorless liquid, free from matter in suspension
Country of Origin: India

A handwritten signature in blue ink, appearing to read 'Girish Prajapati', is positioned above the printed name.

Girish Prajapati
Site Quality Manager

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