

Methanol

HPLC

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

Material No.: 1.000997
 Batch No.: GS240312
 Manufactured Date: 2024/03/12
 Expiration Date: 2029/03/12
 Revision No: 1

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	0.12
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: CN
 Packaging Site: Phillipsburg Mfg Ctr & DC