



1000 TEDIA WAY  
FAIRFIELD, OHIO, 45014, USA  
SALES@TEDIA.COM

## SPECIFICATIONS

Name: Methyl Alcohol  
Catalog No: MS1922  
Grade: HPLC/Spectro

<u>Test Name</u>	<u>Limits</u>
Description	Passes Test
Clear colorless liquid free of suspended matter	
Appearance	Passes Test
Clear colorless liquid free of suspended matter	
Acetaldehyde	Max 0.001 %
Assay (by GC-FID)	
(Corrected for Water)	Min 99.9 %
(Corrected for Water)	Min 99.90 %
Number of Unidentified Peaks > 0.02% Area	FOR TEDIA ONLY 0
Acetone	Max 0.001 %
Alkalinity	
(as Ammonia)	Max 0.0005 %
Carbonyl compounds	
(as Acetone)	Max 0.001 %
(as Acetaldehyde)	Max 0.001 %
(as Formaldehyde)	Max 0.001 %
Color	Max 10 APHA
Fluorescence at emission maximum for Impurities	
(as Quinine sulfate)	Passes Test
Height of Fluorescence at	
290 nm	Max 8
Fluorescence at emission maximum for Impurities	
254 nm	Max 1.0 ppb
Height of fluorescence	
290 nm	Max 10
Fluorescence at emission maximum for Impurities	
365 nm	Max 1.0 ppb
Height of Fluorescence at	
430 nm	Max 0.6
Formaldehyde	Max 0.001 %
GC-ECD Responsive residue (single peak)	
(as Heptachlorepoxyde)	FOR TEDIA ONLY 5 ppt
GC-FID Responsive residue (single peak)	
(as 2-Octanol)	FOR TEDIA ONLY 5 ppb
Identification by	
IR Spectroscopy	Passes Test
LC gradient elution suitability at	

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.



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### Test Name

230 nm  
254 nm  
254 nm  
pH at  
25°C  
Residue after Evaporation  
Solubility in Water  
Substances Reducing Permanganate  
Substances Darkened by Sulfuric acid  
Titrable Acid  
Titrable Base  
Water  
(by KF coulometry)  
Optical Absorbance between  
280-400 nm  
UV cut-off  
Optical Absorbance at  
205 nm  
210 nm  
214 nm  
220 nm  
225 nm  
230 nm  
235 nm  
240 nm  
250 nm  
254 nm  
260 nm  
280 nm  
300 nm  
400 nm

### Limits

Max 2 mAU  
Passes Test  
Max 5 mAU  
5.00-7.00  
Max 1 ppm  
Passes Test  
Passes Test  
Passes Test  
Max 0.0003 meq/g  
Max 0.0002 meq/g  
Max 0.03 %  
Passes Test  
Max 205 nm  
Max 1.000 AU  
Max 0.50 AU  
Max 0.5 AU  
Max 0.20 AU  
Max 0.180 AU  
Max 0.10 AU  
Max 0.10 AU  
Max 0.05 AU  
Max 0.020 AU  
Max 0.01 AU  
Max 0.01 AU  
Max 0.005 AU  
Max 0.005 AU  
Max 0.005 AU

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