



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

SPECIFICATIONS

Name: Methyl Alcohol
Catalog No: MG2826
Grade: GC

Test Name

Limits

Description

Clear colorless liquid free of suspended matter

Acetaldehyde

Acetone

Assay (by GC-FID)

GC-FID

Number of Unidentified Peaks > 0.02% Area

Color

Extraction concentration suitability

Fluorescence at emission maximum for Impurities

(as Quinine sulfate)

Height of Fluorescence at

290 nm

Fluorescence at emission maximum for Impurities

254 nm

Height of Fluorescence at

290 nm

Fluorescence at emission maximum for Impurities

365 nm

Height of Fluorescence at

430 nm

LC gradient elution suitability at

230 nm

254 nm

Formaldehyde

GC-ECD Responsive residue (single peak)

(as Heptachlorepoxide)

(as Lindane)

GC-FID Responsive residue (single peak)

(as 2-Octanol)

(as Toluene)

Identification by

IR Spectroscopy

Infrared Spectroscopy and Refractive Index

pH at

25°C

Refractive Index at

Passes Test

Max 0.001 %

Max 0.001 %

Min 99.98 %

FOR TEDIA ONLY 0

Max 5 APHA

Max 10 ng/L

Max 1 ppb

Max 5

Max 1 ppb

Max 5

Max 1 ppb

Max 0.6

Passes Test

Passes Test

Max 0.001 %

Max 5 ppt

Max 2 ng/L

Max 5 ppb

Max 1 ng/ml

Passes Test

Passes Test

N/A

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



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Test Name

20°C
25°C
Residue after Evaporation
Solubility in Water
Substances Darkened by Sulfuric acid
Substances Reducing Permanganate
Titrable Acid
Titrable Base
Water
(by KF coulometry)
Optical Absorbance at
205 nm
210 nm
214 nm
220 nm
225 nm
230 nm
240 nm
250 nm
254 nm
260 nm
280 nm
300 nm
400 nm
Comments:
Filtered through a 0.2 micron filter
Metals Specifications Available on COA
Aluminum (Al)
Barium (Ba)
Cadmium (Cd)
Calcium (Ca)
Chromium (Cr)
Cobalt (Co)
Copper (Cu)
Iron (Fe)
Lead (Pb)
Magnesium (Mg)

Limits

1.327-1.331
1.3260-1.330
Max 1 ppm
Passes Test
Passes Test
Passes Test
Max 0.0003 meq/g
Max 0.0002 meq/g

Max 0.05 %

Max 1.000 AU
Max 0.80 AU
Max 0.4 AU
Max 0.20 AU
Max 0.160 AU
Max 0.12 AU
Max 0.05 AU
Max 0.020 AU
Max 0.01 AU
Max 0.005 AU
Max 0.005 AU
Max 0.005 AU
Max 0.005 AU

Comment
Comment
Max 0.5 ppm
Max 0.1 ppm
Max 0.5 ppm
Max 0.1 ppm
Max 0.02 ppm
Max 0.02 ppm
Max 0.01 ppm
Max 0.1 ppm
Max 0.02 ppm
Max 0.1 ppm

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Test Name

Manganese (Mn)
Nickel (Ni)
Potassium (K)
Silver (Ag)
Sodium (Na)
Tin (Sn)
Zinc (Zn)

Metal results are at time of packaging
and may increase from extraction from the container.

Limits

Max 0.01 ppm
Max 0.02 ppm
Max 0.1 ppm
Max 0.1 ppm
Max 0.1 ppm
Max 0.1 ppm
Max 0.1 ppm
Comment
Comment

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