



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

SPECIFICATIONS

Name: Methyl Alcohol
Catalog No: ML1919
Grade: Absolv

<u>Test Name</u>	<u>Limits</u>
Assay (by GC-FID) (Corrected for Water)	Min 99.98 %
Residue after Evaporation	Max 1 ppm
Color	Max 5 APHA
Fluorescence at emission maximum for Impurities (as Quinine sulfate)	Max 0.3 ppb
(as Quinine base)	Max 0.3 ppb
Height of Fluorescence at 290 nm	Max 5
LC gradient elution suitability at 220 nm	Max 5 mAU
254 nm	Max 1 mAU
GC-ECD Responsive residue (single peak) (as Heptachlorepoxyde)	Max 5 ppt
GC-FID Responsive residue (single peak) (as 2-Octanol)	Max 5 ppb
Titration Acid	Max 0.0003 meq/g
Titration Base	Max 0.0002 meq/g
Refractive Index at 20°C	1.3280-1.3288
Water (by KF coulometry)	Max 0.02 %
LC-MS Positive mode (as Reserpine)	Max 50 ppb
LC-MS Negative mode (as Nitrophenol)	Max 50 ppb
Optical Absorbance at 205 nm	Max 1.000 AU
220 nm	Max 0.25 AU
230 nm	Max 0.12 AU
240 nm	Max 0.05 AU
254 nm	Max 0.01 AU
280 nm	Max 0.005 AU
400 nm	Max 0.005 AU
Metals Specifications Available on COA	Comment
Aluminum (Al)	Max 50 ppb
Barium (Ba)	Max 5 ppb

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



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Cadmium (Cd)	Max 5 ppb
Calcium (Ca) (at time of packaging)	Max 50 ppb
Chromium (Cr)	Max 5 ppb
Cobalt (Co)	Max 5 ppb
Copper (Cu)	Max 5 ppb
Iron (Fe)	Max 5 ppb
Lead (Pb)	Max 5 ppb
Magnesium (Mg) (at time of packaging)	Max 10 ppb
Manganese (Mn)	Max 5 ppb
Nickel (Ni)	Max 5 ppb
Potassium (K) (at time of packaging)	Max 10 ppb
Silver (Ag)	Max 5 ppb
Sodium (Na) (at time of packaging)	Max 50 ppb
Tin (Sn)	Max 5 ppb
Zinc (Zn)	Max 5 ppb
Comments:	
Metal results are at time of packaging	Comment
and may increase from extraction from the container.	Comment
Filtered through a 0.2 micron filter	

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