

Certificate of Analysis

Product: Methyl Alcohol Item Number: MAHPLC Grade: HPLC Lot Number: 22020247 Manufacture Date: 04/09/2022 Expiration Date: 04/08/2027 Country of Origin: Venezuela

Tested Property	Specification	Analysis
Assay (by GC-FID) (Corrected for W	/ater) Min 99.9 %	99.98 %
Description	Clear colorless liquid free of suspended matter	Pass
Acetaldehyde	Max 0.001	< 0.001%
Acetone	Max 0.001 %	< 0.001%
Color	Max 10 APHA	5
Formaldehyde	Max 0.001 %	< 0.0001 %
Residue after Evaporation	Max 5 ppm	<2.2 ppm
Solubility in Water	Passes Test	Pass
Substances Darkened by Sulfuric a	cid Passes Test	Pass
Substances Reducing Permangana	te Passes Test	Pass
Titrable Acid	Max 0.0003 meq/g	0.0002
Titrable Base	Max 0.0002 meq/g	< 0.00002
Water (by KF coulometry)	Max 0.10 %	0.02 %
Optical Absorbance at		
205 nm	Max 1.00 AU	0.89
220 nm	Max 0.25 AU	0.23
240 nm	Max 0.10 AU	0.04
250 nm	Max 0.02 AU	0.02
280 nm	Max 0.01 AU	0.002
400 nm	Max 0.01 AU	<0.001

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Methyl Alcohol

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