LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Methanol 99.9% Semiconductor Grade
Item Number: MAS
CAS#: 67-56-1
Grade: Semiconductor
Lot Number: 5001365/1.1
Manufacture Date: 05/30/2025
Expiration Date: 05/29/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay, %	Min. 99.5 %	99.99%
Color (APHA)	Max. 10	<5
Acidity, ueq/g	Max. 0.3	0.09
Alkalinity, ueq/g	Max. 0.1	0.010
Water, ppm	Max. 500	265
Residue after evaporation, ppm	Max. 5000	<1000
Aldehyde, ppm	Max. 10	Pass
Chloride, ppm	Max. 0.02	<0.001
Phosphate, ppm	Max. 0.3	<0.01
Arsenic & Antimony (as As), ppm	Max. 0.05	<0.04
Aluminium, ppm	Max. 0.05	<0.002
Barium, ppm	Max. 0.05	<0.001
Boron, ppm	Max. 0.05	<0.001
Cadmium, ppm	Max. 0.05	<0.001
Calcium, ppm	Max. 0.05	<0.007
Chromium, ppm	Max. 0.05	<0.001
Cobalt, ppm	Max. 0.05	<0.001
Copper, ppm	Max. 0.05	<0.001
Gallium, ppm	Max. 0.05	<0.001
Germanium, ppm	Max. 0.05	<0.001

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Gold, ppm	Max. 0.05	<0.001
Iron, ppm	Max. 0.05	<0.001
Lithium, ppm	Max. 0.05	<0.001
Magnesium, ppm	Max. 0.05	<0.001
Manganese, ppm	Max. 0.05	<0.001
Nickel, ppm	Max. 0.05	<0.001
Potassium, ppm	Max. 0.1	<0.005
Silicon, ppm	Max. 0.05	<0.001
Silver, ppm	Max. 0.05	<0.001
Sodium, ppm	Max. 0.05	0.022
Strontium, ppm	Max. 0.05	<0.001
Tantalum, ppm	Max. 0.05	<0.001
Thallium, ppm	Max. 0.05	<0.001
Tin, ppm	Max. 0.05	<0.001
Titanium, ppm	Max. 0.05	<0.001
Vanadium, ppm	Max. 0.05	<0.001
Zinc, ppm	Max. 0.1	<0.002
Zirconium, ppm	Max. 0.05	<0.001
Particles, 0.5 um	Max. 30/mL	12
Particles, 1.0 um	Max. 10/mL	6

Methanol 99.9% Semiconductor Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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