LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Methanol 99.9% Semiconductor Grade
Item Number: MAS
CAS#: 67-56-1
Grade: Semiconductor
Lot Number: 5002683/1.1
Manufacture Date: 10/14/2026
Expiration Date: 10/13/2029
Country of Origin: United States

Tested Property	Specification	Analysis
Assay	Min. 99.9%	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	Max. 200 ppb	<1
Phosphate, ppb	Max. 300	<1
Arsenic & Antimony (as As), ppb	Max. 50	<4
Aluminium, ppb	Max. 50	<2
Barium, ppb	Max. 50	<1
Boron, ppb	Max. 50	<1
Cadmium, ppb	Max. 50	<1
Calcium, ppb	Max. 50	7
Chromium, ppb	Max. 50	<1
Cobalt, ppb	Max. 50	<1
Copper, ppb	Max. 50	<1
Gallium, ppb	Max. 50	<1
Germanium, ppb	Max. 50	<1

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Gold, ppb	Max. 50	<1
Iron, ppb	Max. 50	<2
Lithium, ppb	Max. 50	<1
Magnesium, ppb	Max. 50	<1
Manganese, ppb	Max. 50	<1
Nickel, ppb	Max. 50	<2
Potassium, ppb	Max. 100	<5
Silicon, ppb	Max. 50	<1
Silver, ppb	Max. 50	<1
Sodium, ppb	Max. 50	22
Strontium, ppb	Max. 50	<1
Tantalum, ppb	Max. 50	<1
Thallium, ppb	Max. 50	<1
Tin, ppb	Max. 50	<1
Titanium, ppb	Max. 50	<1
Vanadium, ppb	Max. 50	<1
Zinc, ppb	Max. 100	<2
Zirconium, ppb	Max. 50	<1
Particles, 0.5 um	Max. 30/mL	12
Particles, 1.0 um	Max. 10/mL	6
Lead, ppb	Max. 50	<1
Molybdenum, ppb	Max. 50	<1
Niobium, ppb	Max. 50	<1
Bismuth, ppb	Max. 50	<1

Store in a cool, dry, and well-ventilated environment away from heat.

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,

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