

Certificate of Analysis

Product: Methanol 99.9%
Item Number: MAS
Grade: Semiconductor
Lot Number: 098996
Manufacture Date: 05/10/2024
Expiration Date: 05/09/2026
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	0.07
Alkalinity, ueq/g	Max. 0.1	0.007
Water, ppm	Max. 500	56
Residue after evaporation, ppm	Max. 5	<1
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	<0.005
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	0.0018
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	10
Particles, 1.0 um	Max. 10/mL	5

[Methanol 99.9%](#)

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