

PRODUCT SPECIFICATION SHEET

Methanol, 99.9+%

Electronic/Semiconductor Grade

Test	Specification	Typical Results
Assay (Methanol), %	99.9 min	99.9 min
Assay (H ₂ O), ppm	Max 500	Max 500
Color, APHA	Max 10	Max 10
Acidity, ueq/g	Max 0.2	Max 0.2
Alkalinity, ueq/g	Max 0.1	Max 0.1
Aldehyde, ppm	Max 10	Max 10
Residue after Evaporation, ppb	Max 5000	Max 5000
Chloride (Cl), ppb	Max 200	Max 200
Phosphate, ppb	Max 500	Max 500
Aluminum (Al), ppb	Max 50	Max 50
Arsenic and Antimony (as As), ppb	Max 10	Max 10
Barium (Ba), ppb	Max 20	Max 20
Beryllium (Be), ppb	Max 10	Max 10
Bismuth (Bi), ppb	Max 20	Max 20
Boron (B), ppb	Max 10	Max 10
Cadmium (Cd), ppb	Max 10	Max 10
Calcium (Ca), ppb	Max 100	Max 100
Chromium (Cr), ppb	Max 10	Max 10
Cobalt (Co), ppb	Max 10	Max 10
Copper (Cu), ppb	Max 10	Max 10

Gallium (Ga), ppb	Max 10	Max 10
Gold (Au), ppb	Max 20	Max 20
Iron (Fe), ppb	Max 50	Max 50
Lead (Pb), ppb	Max 10	Max 10
Lithium (Li), ppb	Max 10	Max 10
Magnesium (Mg), ppb	Max 20	Max 20
Manganese (Mn), ppb	Max 10	Max 10
Molybdenum (Mo), ppb	Max 10	Max 10
Nickel (Ni), ppb	Max 10	Max 10
Platinum (Pt), ppb	Max 50	Max 50
Potassium (K), ppb	Max 20	Max 20
Silver (Ag), ppb	Max 10	Max 10
Sodium (Na), ppb	Max 100	Max 100
Strontium (Sr), ppb	Max 10	Max 10
Thallium (Tl), ppb	Max 10	Max 10
Tin (Sn), ppb	Max 20	Max 20
Titanium (Ti), ppb	Max 20	Max 20
Vanadium (V), ppb	Max 10	Max 10
Zinc (Zn), ppb	Max 20	Max 20
Zirconium (Zr), ppb	Max 20	Max 20
Particle Count, 0.5 um, ct/ml	Max 150	Max 150
Particle Count, 1.0 um, ct/ml	Max 10	Max 10

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user