

PRODUCT SPECIFICATION SHEET

Acetone, 99.9+%

Electronic/Semiconductor Grade

Test	Specification	Typical Results
Assay (Acetone), %	Min 99.50	Min 99.50
Isopropyl Alcohol (IPA), %	Max 0.05	Max 0.05
Assay (H ₂ O), %	Max 0.20	Max 0.20
Assay (C ₃ H ₈ O), %	Max 0.05	Max 0.05
Assay (CH ₃ OH), %	Max 0.05	Max 0.05
Color APHA	Max 10	Max 10
Appearance	Pass	Pass
Acidity, ueq/g	Max 0.300	Max 0.300
Alkalinity, ueq/g	Max 0.500	Max 0.500
Aldehydes, ppb (umg/g)	Max 10,000	Max 10,000
Residue after Evaporation, ppb	Max 5000	Max 5000
Solubility (in H ₂ O)	Pass	Pass
Chloride (Cl), ppb	Max 200	Max 200
Phosphate (PO ₄), ppb	Max 100	Max 100
Sulfate (SO ₄), ppb	Max 200	Max 200
Aluminum (Al) ppb	Max 50	Max 50
Arsenic and Antimony (as As), ppb	Max 10	Max 10
Barium (Ba), ppb	Max 10	Max 10
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
Germanium (Ge), 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
Niobium (Nb), ppb	Max 10	Max 10
Platinum (Pt), ppb	Max 50	Max 50
Potassium (K), ppb	Max 20	Max 20
Silicon (Si), ppb	Max 100	Max 100
Silver (Ag), ppb	Max 10	Max 10
Sodium (Na), ppb	Max 100	Max 100
Strontium (Sr), ppb	Max 10	Max 10
Tantalum (Ta), 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 50	Max 50
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