

Acetic Acid 99.7% LM

Assay Parameter	Unit	Specification LM
Acetic Acid	% Weight	99.7 min.
Acetic Anhydride	% Weight	0.01 max.
Color	APHA	7 max.
Chloride	ppb ($\mu\text{mg/g}$)	500 max.
Density (at 25 °C)	g/mL	1.05
Dilution Test		Pass
Freezing Point	Deg F	61 min.
Heavy Metals	ppb ($\mu\text{mg/g}$)	500 max.
Solubility in Water		Pass
Phosphate	ppb ($\mu\text{mg/g}$)	500 max.
Particle >1.0 μm	pcs/mL	10 max.
Particle >0.5 μm	pcs/mL	150 max.
Residue after Evaporation	ppb ($\mu\text{mg/g}$)	5000 max.
Subst. Reducing Dichromate		Pass
Subst. Reducing KMnO_4		Pass
Sulfate	ppb ($\mu\text{mg/g}$)	500 max.
Aluminum	ppb ($\mu\text{mg/g}$)	20 max.
Antimony	ppb ($\mu\text{mg/g}$)	5 max.
Arsenic	ppb ($\mu\text{mg/g}$)	5 max.
Barium	ppb ($\mu\text{mg/g}$)	50 max.
Beryllium	ppb ($\mu\text{mg/g}$)	10 max.
Bismuth	ppb ($\mu\text{mg/g}$)	50 max.
Boron	ppb ($\mu\text{mg/g}$)	20 max.
Cadmium	ppb ($\mu\text{mg/g}$)	10 max.
Calcium	ppb ($\mu\text{mg/g}$)	100 max.
Chromium	ppb ($\mu\text{mg/g}$)	10 max.
Cobalt	ppb ($\mu\text{mg/g}$)	10 max.
Copper	ppb ($\mu\text{mg/g}$)	20 max.
Gallium	ppb ($\mu\text{mg/g}$)	10 max.
Germanium	ppb ($\mu\text{mg/g}$)	20 max.
Gold	ppb ($\mu\text{mg/g}$)	20 max.
Indium	ppb ($\mu\text{mg/g}$)	10 max.
Iron	ppb ($\mu\text{mg/g}$)	50 max.
Lead	ppb ($\mu\text{mg/g}$)	20 max.
Lithium	ppb ($\mu\text{mg/g}$)	10 max.
Magnesium	ppb ($\mu\text{mg/g}$)	50 max.

Manganese	ppb (µmg/g)	10 max.
Molybdenum	ppb (µmg/g)	20 max.
Nickel	ppb (µmg/g)	10 max.
Platinum	ppb (µmg/g)	50 max.
Potassium	ppb (µmg/g)	50 max.
Silver	ppb (µmg/g)	10 max.
Sodium	ppb (µmg/g)	100 max.
Strontium	ppb (µmg/g)	20 max.
Thallium	ppb (µmg/g)	50 max.
Tin	ppb (µmg/g)	50 max.
Titanium	ppb (µmg/g)	50 max.
Vanadium	ppb (µmg/g)	10 max.
Zinc	ppb (µmg/g)	20 max.
Zirconium	ppb (µmg/g)	50 max.

*LM – Low Metal

It is hereby certified that the above-mentioned product meets applicable testing, packaging, regulatory, and customer purchase order requirements. This includes, but is not limited to, chemical specifications and inspection of containers for packaging defects. The pertinent test and/or inspection records are on file.