



Glacial Acetic Acid

Property	Test Method	Results	Limit
Appearance	MAP - SM111	Clear, free from matter in suspension	Clear, free from matter in suspension
Color APHA	ASTM-D1209	Below 5	10 max APHA
Purity wt%	MAP-70014	99.87	99.85 min
Water wt%	ASTM-D1364	0.0970	0.15 max
Formic Acid wt%	ASTM-D3546	0.0130	0.050 max
Density @ 20°C (kg/lit)	ASTM-1298	1.0495	1.048 ~ 1.051
Acetaldehyde wt%	ASTM-D2191	0.0034	0.02 max
Permanganate time @20 °c	MAP-70019	Greater than 2 hrs	2 hrs min
Crystallization point °c	ASTM-D1493	16.4 °c	16.35 °c min
Total Iron ppm	ASTM-E394	0.6	1.0 max
Propionic Acid wt%	M602.515	0.0022	0.01 max
Heavy Metals ppm	ASTM-D1347	Nil	1.0 max
Chloride ppm	MAP-70020	Less than 1.0 ppm	1.0 max
Sulphate ppm	MAP-70021	Less than 1.0 ppm	1.0 max
Non Volatile Matter wt%	ASTM-D1353	Less than 0.003	0.003 max