

## ACID ACETIC ANALYSIS

#	TEST	METHOD	Fanavaran GRADE	LIMIT (SPEC)
1	Appearance	MAP – SM111	Clear , Free From Matter Suspension	Clear , Free From Matter Suspension
2	Purity (WT %)	MAP – 70014	Min 99.90	Min 99.85
3	Water (WT %)	ASTM – D1364	Max 0.10	Max 0.15
4	Formic Acid (ppm wt)	ASTM – D3546	Max 300	Max 500
5	Density @ 20°C KG/Lit	ASTM – D1298	1.051 – 1.048	1.051 – 1.048
6	Acetaldehyde (ppm wt)	ASTM – D2191	Max 200	Max 200
7	Permanganate Time @ 20°C , Hours	MAP – 70019	Minimum 2 Hours	Minimum 2 Hours
8	Crystallization Point	ASTM – D1493	Min 16.35 °C	Min 16.35 °C
9	Sulphates (as SO4)	MAP – 70021	Max 1 ppm	Max 1 ppm
10	Chloride (as CL)	MAP – 70020	Max 1 ppm	Max 1 ppm
11	Total Iron (ppm)	ASTM – E394	Max 1.0	Max 1.0
12	Propionic Acid (ppm wt)	M602.515	Max 50	Max 50
13	Non Volatile Matter (ppm wt)	ASTM – D1353	Max 30	Max 30
14	Heavy Metals (as Pb)	ASTM – D1347	Max 0.5 ppm	Max 0.5 ppm
15	Color (APHA)	ASTM – D1209	Max 10 APHA	Max 10 APHA

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