



KIMIA TEHRAN ACID
کیمیا تهران اسید
Tehranacid.ir

Certificate of Analysis

Acetic Acid

Test	Method	Result	Unit	Limit (Spec)
Appearance	MAP-SM111	Clear, free from matter in suspension	-	Clear, free from matter in suspension
Purity	MAP-70014	≥ 99.85	%w	Min 99.85
Water	ASTM-D1364	≤ 0.15	%w	Max 0.15
Formic Acid	ASTM-D3546	≤ 0.050	%w	Max 0.050
Density at 20°C	ASTM-D1298	1.048-1.051	Kg/Lit	Max 0.01
Acetaldehyde	ASTM-D2191	≤ 0.02	%w	Max 0.02
Permanganate at 20°C	MAP-70019	Greater than 2	hours	Max 2
Crystallization point	ASTM-D1493	≥ 16.35	°C	Min 16.35
Sulphates (as SO ₄)	MAP-70021	≤ 1	ppm	Max 1
Chloride (as Cl)	MAP-70020	≤ 1	ppm	Max 1
Total Iron	ASTM-E394	≤ 1	ppm	Max 1.0
Propionic Acid	M602.515	≤ 0.010	%w	Max 0.010
Non Volatile Matter	ASTM-D1353	≤ 0.003	%w	Max 0.003
Heavy Metals (as Pb)	Determination by atomic absorption	≤ 0.5	ppm	Max 0.5
Color	ASTM-D1209	≤ 10	APHA	Max 10

