

ACETIC ACID PRODUCT SPECIFICATION			
Analytical Parameters	Method	Unit	Value
Acetic Acid Purity	JIS K 1351 : 2007 - 3.7.1	wt%	99.85% Min
Color	ASTM D1209-5	Pt-Co	5 Max
Specific Gravity @ 20/20 °C	ASTM D 4052-96	-	1.048 - 1.053
Water Content	ASTM D 1364-2	wt%	0.15 Max
Freezing Point	TEAD-A-AN-G-MP-1-5	°C	16.35 Min
Chlorides	JIS K 1351 : 2007 - 3.15	ppm	1 Max
Sulphates	JIS K 1351 : 2007 - 3.14	ppm	1 Max
Heavy Metals as Pb	JIS K 1351 : 2007 - 3.13	ppm	0.5 Max
Acetaldehyde	TEAD-A-AN-G-GC-295-6	ppm	5 Max
Formic Acid	TEAD-A-AN-G-IC-26-3	wt%	0.05 Max
Iron as Fe	ASTM E 394-9	ppm	0.5 Max
Non Volatile Matter	ASTM D 1353-3	g/100ml	0.003 Max
Reducing Substances	TEAD-A-AN-G-VCC-101-7*	Minutes	120 Min
Appearance	ASTM E 2680-9***	-	CFSM**
Distillation Range	ASTM D 1078-5	°C	1.0 Max
* In 10ml of DMW add 0.1ml of 0.1N KMnO4 & 2ml sample to hold pink color.			
** Clear & free from suspended matter			
*** Test passes when suspended & or sediment particles sizes are >1mm but less than 3 nos. particles with size less than 1mm are not considered.			

Updated on January 2022

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