

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	Pt-Co	5 Max
Specific Gravity @ 20/20 °C	ASTM D 4052	-	1.048 - 1.053
Water Content	ASTM D 1364	wt%	0.15 Max
Freezing Point	ASTM D 6875	°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	ASTM D 2191	ppm	5 Max
Formic Acid	ASTM D 3546	wt%	0.05 Max
Iron as Fe	ASTM E 394	ppm	0.5 Max
Non Volatile Matter	ASTM D 1353	g/100ml	0.003 Max
Reducing Substances	TEAD-A-AN-G-VCC-101*	Minutes	120 Min
Appearance	ASTM E 2680***	-	CFSM**
Distillation Range	ASTM D 1078	°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.			

Compliance & Product Stewardship Department

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