



ACRYLONITRILE

ITEMS	UNITS		LIMIT
Appearance	Clear, free of suspended matter		
ACRYLONITRILE	wt. %	Min	99.5
Color	APHA	Max	10
Density	g/cm ³	range	0.800~0.807
Acidity	ppm	Max	20
pH(5% aqueous solution)	--	Range	6.0-9.0
Titration value(5% aqueous solution)	ml	Max	2.0
Water (wt %)	wt. %	Range	0.2~0.45
Aldehydes	ppm	Max	30
Hydrogen Cyanide	ppm	Max	5
Peroxide	ppm	Max	0.2
Iron	ppm	Max	0.1
Copper	ppm	Max	0.1
Acrolein	ppm	Max	10
Acetone	ppm	Max	80
Acetonitrile	ppm	Max	150
Propionitrile	ppm	Max	100
Oxazole	ppm	Max	200
Methacrylonitrile	ppm	Max	300
Boiling Range (under 0.10133mPa)	°C	Range	74.5~79.0
Inhibitor (MEHQ)	ppm	Range	35-45