

Specifications for Acrylonitrile

Appearance	Clear liquid
Color APHA, (Max.)	15
Moisture, (Wt. % Max)	0.5
Specific Gravity @ 20 °C	0.799 – 0.802
Acidity as CH ₃ COOH (Wt. % Max)	Report
Distillation Range, °C	74.5- 79.0
Iron as Fe, (Wt. ppm Max)	Report
Copper, (Wt. ppm Max.)	Report
PH (5 % Aq. Solution)	6.0 – 7.5
Refractive Index @ 25 °C	1.3882 – 1.3895
Inhibitor (MEHQ, Wt. ppm)	35 – 45
Non volatile matter,(ppm Max)	50
Oxidation Stability,(Minutes. Min)	240
Aldehyde as CH ₃ CHO, (ppm Max)	Report
Acroline, (ppm Max)	Report
Acetone, (ppm Max)	Report
Acetonitrile, (ppm Max.)	Report
Purity, (Wt. % Min)	99.4

Uses:

Industry	Application
Polymer	In mfr of acrylic fibres
Coating	As resin
Adhesives	As resin
Pharma	In mfr of antioxidants
Agrochemicals	as pesticide fumigant