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## Typical Product Specifications & Properties

# Acetonitrile

CAS Number: : 75-05-8

Specifications	Limits
Copper	0 ppm
Acrylonitrile	0 ppm
Sensoric	Colorless, limited liquid
Acetonitrile % wt	99.91
C <sub>2</sub> H <sub>5</sub> NaO	(As CH <sub>3</sub> COOH) , (% wt) : 0.0018
Distillation Range, °C (Initial Boiling Point - Dry Point):	80.9 - 82.0 °C
Acetone	0 ppm
Color, APHA; ASTM D 1209	5 APHA/Pt - Co
Propilonitrate	415 ppm
Specific Gravity (20°C/4°C)	(20/20°C) : 0.783
Free Amonia	0 ppm
HCN	2 ppm



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Specifications	Limits
Iron	0 ppm
Color	colorless liquid
Refractive Index	1.3440
Melting Point	-45 c
Odor	ether-like odor
Molecular weight	41.05
Flash Point	(cc) 12.8 c
Specific gravity	0.783
Solubility	water, methanol, ether, acetone, chloroform, ccl4, ethylene chloride, methyl acetate
Boiling Point	81.6 c
Chemical Structure	 



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