



## TECHNICAL DATA SHEET

**NAME OF COMMODITY:** Acetonitrile HPLC

**CAS NO.:** 75-05-8

**MOLECULAR FORMULA:** C<sub>2</sub>H<sub>3</sub>N

**MOLECULAR WEIGHT:** 41.05

**STRUCTURE FORMULA:**



TESTS	SPECIFICATIONS
Appearance	Clear, Colorless
Color	10 Apha Max
Assay (by gc)	99.9% Min
Water, mg/kg	100 Max
NVM, mg/kg	3.0 Max
Titratable Acid, meq/g	0.0008 Max
Titratable Base, meq/g	0.00035 Max
Uv Absorbance, (1.00-cm cell Vs H <sub>2</sub> O)	0.5 ppm Max
At 190 Nm	1.00 Max
At 200 Nm	0.05 Max
At 210 Nm	0.03 Max
At 220 Nm	0.01 Max
At 254 Nm	0.005 Max
Gradient @254 (A.U)	5000 Max
Fluorescence Trace Impurities	Passes Test
Density (25°C), G/MI	0.775 - 0.780
Distillation Range	81 - 82°C
Refractive Index (25°C)	1.344

**APPLICATION:**

Laboratory Reagent.

**PACKING:** 4 liter bottles or designated ISO tank