

**Product Name****Acetonitrile****Grade: Gas Chromatography**

<b>Synonyms</b>	Ethanenitrile, Cyanomethane, Ethyl nitrile, Methyl cyanide
<b>CAS Number</b>	75-05-8

**General Information**

<b>Chemical formula:</b>	C <sub>2</sub> H <sub>3</sub> N	<b>Molar Mass:</b>	41.05 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	0.78 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C)	<b>Melting point:</b>	-46 °C
<b>Boiling point:</b>	81 °C	<b>Flash point:</b>	5 °C
<b>Storage temp.:</b>	Below +30 °C	<b>Cautions:</b>	Highly flammable, Toxic
<b>R:</b>	11-23/24/25	<b>S:</b>	16-27-44
<b>HS-No.:</b>	2926 90 900	<b>EC-Index-No.:</b>	608-001-00-3

**Hazard Symbol****Specification**

Assay (GC)	≥	99.9	%
Identification (IR)		Conforms	
Identification (GC)			
Nonvolatile residue	≤	2	ppm
Water	≤	0.02	%
Acidity	≤	0.0005	meq/g
Alkalinity	≤	0.0005	meq/g
GC suitability test		Conforms	
Filtered through 0.2µm filter			

**Ordering Information**

<b>Volume:</b>	<b>1 L</b>	<b>2.5 L</b>	<b>5 L</b>	<b>10 L</b>	<b>20 L</b>
<b>Plastic</b>	–	–	–	–	–
<b>Glass</b>	210.02.01000.01	210.02.02500.01	–	–	–