

Product Name**Acetonitrile****Grade: Gradient HPLC****Synonyms**

Ethanenitrile, Cyanomethane, Ethyl nitrile, Methyl cyanide

CAS Number

75-05-8

General Information

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

Hazard Symbol**Specification**

Assay (GC)	≥	99.9	%
Identification (IR)		Conforms	
Identification (GC)		Conforms	
Nonvolatile residue	≤	2	mg/l
Water	≤	0.02	%
Acidity	≤	0.0005	meq/g
Alkalinity	≤	0.0005	meq/g
UV transmission			
at 193 nm	≥	60	%
at 195 nm	≥	75	%
from 230 nm	≥	98	%
Filtered through 0.2µm filter			

Ordering Information

Volume:	1 L	2.5 L	5 L	10 L	20 L
Plastic	–	–	–	–	–
Glass	210.03.01000.01	210.03.02500.01	–	–	–