

Product Specification

Acetonitrile – HPLC Grade

Chemical name:	Acetonitrile, (Methyl cyanide), HPLC Grade
CAS number:	75-05-8
EC number:	200-835-2
Molecular formula:	C ₂ H ₃ N
Relative molecular weight:	41.05
Boiling point:	81.6°C (1013 hPa)
Density:	0.782 @ 20°C
Refractive index:	1.3442
UN number:	1648

Specifications

Assay (by GC):	99.90 % min
Acidity as CH ₃ COOH	0.008 mEq/g max
Alkalinity	0.0006 mEq/g max
Appearance	Clear and free of suspended matter
Water	0.005 % max
Residue on evaporation	0.0002 % max

Transmission characteristics:

Ultraviolet: (1 cm quartz cells versus deionised water)

Wavelength (nm)	Transmission (% min)
200	92
210	95
220	98
254	99



R11,20/21/22, 36 S16,36/37

Highly flammable Harmful