

Technical data sheet



Product name: **Acetonitrile**

Grade: **ACS**

Chemical formula: CH_3CN

Molar mass: 41.05 g/mol

Synonyms: Cyanomethane; Cyanure de methyl; Ethanenitrile

General information	
Cas- No.	75-05-8
Ec-No.	200-835-2
Appearance	clear, colorless liquid
Boiling point	81.6°C
Melting point	-45.7 °C
Flash point	2 °C
Spec.density	0.786 g/cm ³ (20°C)
Vapour pressure	97 hpa(20°C)
Solub. In H ₂ O	soluble
Storage temp	≤+30°C
R:	11-20/21/22-36
S:	16-36/37

Specification	
Purity (GC)	≥99.5%
Identity(IR)	conforms
Appearance	conforms
Color (APHA)	≤10
Residue after evaporatio	≤0.005%
Titrate acid	≤8 µeq/g
Titrate base	≤0.6 µeq/g
Water	≤0.3%
UV Absorption	
at 254 nm	≤0.01 AU
at 220 nm	≤0.05 AU
at 190 nm	≤1.0 AU
Filtered by 0.2 µm filter	

Symbol:



packaging:

Available Pack	1 lit	2/5 lit	5 lit	10 lit	20 lit
GLASS	*	*	-	-	-
P.E	-	-	-	-	-



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