

TECHNICAL DATA SHEET

Acetonitrile HPLC Grade | CAS 75-05-8

1. Product Identification

Product Name	Acetonitrile HPLC Grade
CAS Number	75-05-8
Synonyms	ACN HPLC, MeCN, Methyl cyanide HPLC
Category	Lab Reagent
Available Grades	HPLC Gradient Grade/HPLC Isocratic
HSN Code	2926.10
UN Number	UN1648

2. Physical & Chemical Properties

Molecular Formula	C_2H_3N
Molecular Weight	41.05
Appearance	Colourless mobile liquid, >99.9% purity
Density	786 kg/m ³
Boiling Point	81.6°C
Melting Point	-46°C
Flash Point	2°C
Solubility	Miscible with water

3. Applications

• HPLC gradient elution • UPLC mobile phase • LC-MS applications • Pharmaceutical analysis • Environmental testing • Food analysis

4. Industries Served

Pharmaceutical QC, Analytical Labs, Research, Environmental Testing

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.