



Product	Acetonitrile
CAS No.	CAS No: 75-05-8
Molecule structure	$\text{H}_3\text{C}-\text{C}\equiv\text{N}$
Market	Europe/ India
Key parameters	Appearance: Transparent liquid Purity: 99.9%min Water: 0.03%max Color (Pt-Co): 10 max Hydrocyanic Acid(mg/kg):10max Ammonia (mg/kg):6max Acetone (mg/kg): 25max Acrylonitrile (mg/kg): 25max Propionitrile (mg/kg): 500max Fe(mg/kg): 0.50max Cu (mg/kg): 0.05max
Packing & Delivery	150kg/drum, 12Mt/FCL or 20mt/FCL UN No.1648, Class:3, Packing group:II



Application	<p><input checked="" type="checkbox"/> Chemical analysis and instrumental analysis. Acetonitrile is an organic modifier and solvent for thin layer chromatography, paper chromatography, spectroscopic and polarographic analysis in recent years. Since high purity acetonitrile does not absorb ultraviolet light in the range of 200nm to 400nm, it is being developed as a solvent for high performance liquid chromatography (HPLC) with a sensitivity of 10⁻⁹.</p> <p><input checked="" type="checkbox"/> Solvent for hydrocarbon extraction and separation. Acetonitrile is a widely used solvent, which is mainly used in extractive distillation to separate butadiene from C4 hydrocarbons. Acetonitrile is also used for the separation of other hydrocarbons, such as the separation of propylene, isoprene and methylacetylene from hydrocarbon fractions. Acetonitrile is also used for some special separation, such as the extraction of fatty acids from vegetable oil and cod liver oil, so that the treated oil is light, pure, and the smell is improved, while the vitamin content remains unchanged. Acetonitrile is also widely used as solvent in medicine, pesticide, textile and plastic departments.</p> <p><input checked="" type="checkbox"/> Intermediate of synthetic medicine and pesticide. Acetonitrile can be used to synthesize intermediates of many medicines and pesticides. In medicine, it is used to synthesize a series of important pharmaceutical intermediates such as vitamin B1, metronidazole, ethambutol, aminopteridine, adenine and diphenyl cough; in pesticides, it is used to synthesize pyrethroid insecticides, ethoxycarb and other pesticide intermediates.</p> <p><input checked="" type="checkbox"/> Semiconductor cleaner. Acetonitrile is an organic solvent with strong polarity. It has good solubility for grease, inorganic salt, organic matter and high molecular compound. It can clean grease, wax, fingerprint, corrosive agent and flux residue on silicon wafer. Therefore, high purity acetonitrile can be used as semiconductor cleaning agent.</p> <p><input checked="" type="checkbox"/> Other applications: In addition to the above applications, acetonitrile can also be used as raw material for organic synthesis, catalyst or component of transition metal complex catalyst. In addition, acetonitrile is also used in fabric dyeing and coating compound, and it is also an effective stabilizer of</p>
Our advantage	<p><input checked="" type="checkbox"/> State-owned company with more than 30 years experience;</p> <p><input checked="" type="checkbox"/> High HSE standard factory;</p> <p><input checked="" type="checkbox"/> Product approved by Pharmaceutical multinationals in Europe;</p> <p><input checked="" type="checkbox"/> Electronic grade is available</p> <p><input checked="" type="checkbox"/> We have complete quality management system, not limited to sampling, method of analysis, sample retainment, Standard operation process;</p> <p><input checked="" type="checkbox"/> Freeman ensures the consistency of quality, the strict process of management of changes is followed, including process and equipment, raw material supplies, packing;</p> <p><input checked="" type="checkbox"/> The sample could arrive in your hands within 20 days for international customers;</p> <p><input checked="" type="checkbox"/> The minimum order quantity is based on one package;</p> <p><input checked="" type="checkbox"/> We will feedback to your enquires within 24hours, Dedicated technical team will follow up and ready to give solutions if you have any request;</p>

Welcome contact for more details!