



Acetic Acid TDS

The following **Acetic Acid TDS** shows typical technical properties for commercial high-purity or glacial grade material. Actual values may vary slightly by producer and batch.

Property	Typical Specification
Product	Acetic Acid
Chemical Formula	CH ₃ COOH
CAS Number	64-19-7
Molecular Weight	60.05 g/mol
Appearance	Clear, colorless liquid
Purity	Typically ≥ 99.0% for glacial grade
Acetic Acid Content	Approx. 99.0–99.8%
Water Content	Typically ≤ 0.5%
Density at 20°C	Approx. 1.04–1.05 g/cm ³
Boiling Point	Approx. 118°C
Melting / Freezing Point	Approx. 16.6°C for glacial grade
Flash Point	Approx. 39°C, closed cup
Solubility in Water	Completely miscible
Odor	Characteristic pungent odor
Color	Clear / colorless
Residue on Evaporation	Low
Chlorides	Low, grade dependent
Sulfates	Low, grade dependent



Property	Typical Specification
Iron	Low, grade dependent
Heavy Metals	According to grade and supplier specification
Grade	Industrial / Glacial / Application-specific

Typical Applications

Acetic Acid serves many industries, including chemical manufacturing, acetate production, textiles, coatings, adhesives, plastics, pharmaceuticals, food processing, and industrial pH control.

Packaging

ATDM can supply Acetic Acid in suitable commercial packaging depending on concentration, quantity, and destination, including drums, IBC tanks, ISO tanks, and bulk shipment options.

Storage

Store the product in compatible, tightly closed containers in a cool and well-ventilated location. Keep it away from incompatible chemicals and sources of ignition.

Supplier

ATDM supplies Acetic Acid for international industrial and commercial buyers with export packaging, technical documentation, and shipment support.