

Acetone

Industrial solvent and chemical intermediate

Product Description

High purity acetone used as solvent in pharmaceuticals, cosmetics, and chemical manufacturing.

Certificate of Analysis

HSN Code: 2914.11

CAS Number: 67-64-1

Classification: Hazardous (Flammable Liquid)

Parameter	Specification	Test Method
Purity	"e 99.5 %	Gas Chromatography (GC)
Water Content	"d 0.3 %	Karl Fischer
Acidity (as Acetic Acid)	"d 0.002 %	Titration
Residue on Evaporation	"d 0.001 %	Gravimetric
Appearance	Clear, colorless liquid	Visual
Odor	Characteristic sweet/pungent	Olfactory
Specific Gravity (at 20°C)	~0.790	Hydrometer
Boiling Point	~56°C	Physical Test

Physical Properties

Appearance: Clear, colorless liquid

Odor: Characteristic sweet/pungent

Molecular Formula: C_3H_6O (or CH_3COCH_3)

Molecular Weight: 58.08 g/mol

Solubility: Miscible with water and most organic solvents

Density: ~0.790 g/cm³ at 20°C

Boiling Point: ~56°C

Packing: 160 kg / 200 kg MS drums (with inner coating), IBC Tanks (1000 L), Bulk tankers for industrial consumers, Small

Storage: Store in cool, well-ventilated area away from ignition sources

Safety & Handling

PPE: Chemical-resistant gloves, goggles, respiratory protection

Hazards:

- Highly flammable
- Vapors may cause dizziness