

Isopropyl Alcohol

Pharmaceutical-grade solvent for granulation

Product Description

Isopropyl Alcohol (IPA) is a pharmaceutical-grade solvent used in wet granulation processes for tablet manufacturing. Available to BP/USP standards.

Certificate of Analysis

HSN Code: 2905.12

CAS Number: 67-63-0

Classification: Pharmaceutical Solvent / Excipient

Parameter	Specification	Test Method
Appearance	Clear colorless liquid	Visual
Assay	99.5–100.5%	GC
Identification	Conforms to reference standard	IR
Density (at 20°C)	0.784–0.786 g/cm ³	USP <841>
Water Content	"d 0 . 2 %	Karl Fischer
Acidity (as acetic acid)	"d 0 . 0 0 2 %	Titration
Residue on Evaporation	"d 0 . 0 0 1 %	Gravimetric
Heavy Metals	"d 1 p p m	USP <231>

Physical Properties

Appearance: Clear colorless liquid

Molecular Formula: C_3H_8O

Molecular Weight: 60.10 g/mol

Solubility: Miscible with water, ethanol, chloroform, and ether

Melting Point: -89°C

Packing: 200 kg HDPE drums; 25 L carboys; bulk tankers available

Storage: Store in a cool, dry, well-ventilated area away from ignition sources. Flammable. Temperature: below 25°C.

Safety & Handling

PPE: Chemical-resistant gloves, safety goggles, lab coat. Anti-static grounding.

Hazards:

- Highly flammable (Flash point: 12°C)
- Vapours may cause drowsiness and dizziness
- Irritating to eyes