

ISOPROPYL ALCOHOL, 500ml
PG-8190-500ML

Isopropyl Alcohol (IPA), also known as 2-Propanol or Isopropanol, is a colorless, volatile, and flammable liquid widely used as a solvent, disinfectant, cleaning agent, and reagent in laboratories, pharmaceutical manufacturing, biotechnology, and industrial applications. It is miscible with water and many organic solvents and is commonly used for DNA/RNA precipitation and equipment cleaning in molecular biology laboratories.

Details

Product Name	Isopropyl Alcohol (IPA)
Chemical Name	2-Propanol / Isopropanol
Molecular Formula	C ₃ H ₈ O
Molecular Weight	60.10 g/mol
Appearance	Clear, colorless liquid
Odor	Characteristic alcohol odor
Purity	≥99% (typical, depending on grade)
CAS Number	67-63-0
Boiling Point	82.5°C
Melting Point	-89°C
Density	0.785 g/cm ³ at 20°C
Solubility	Completely miscible with water, ethanol, ether, and most organic solvents
Storage Condition	Store at 15–25°C in a tightly closed container away from heat, sparks, and open flames
Shelf Life	Refer to product label
Grade	Molecular Biology / Analytical / Laboratory Grade (as applicable)
Applications / Uses	DNA and RNA precipitation, laboratory reagent preparation, cleaning and disinfecting laboratory surfaces and equipment, solvent for chemical synthesis, pharmaceutical and biotechnology applications

Safety

Highly flammable liquid and vapor. Causes serious eye irritation and may cause dizziness or drowsiness if inhaled. Keep away from heat, sparks, open flames, and hot surfaces. Use in a well-ventilated area and wear appropriate PPE including gloves, lab coat, and safety goggles. Store in a cool, dry, well-ventilated place.