

Isopropyl Alcohol 60%
USP/EP Grade
Made with USP Injection Grade Water

Grade: USP/EP

Catalog number: ZP871WFI60

Test	Specification	Typical Result
Assay (by volume)	58.0% – 62.0%	60.3%
Appearance	Clear liquid	Pass
Color APHA	5 max	1
Limit of Non-Volatile Residue	NMT 5 mg	0.20 mg
Specific Gravity @ 20°C	0.8980 - 0.9070	0.902
Identification (IR)	Typical	Pass
Acidity	NMT 1.0 ml of 0.02N NaOH required for neutralization	0.55 ml
Water (by volume)	38.0% – 42.0%	39.7%
Bioburden – Plate Count	≤ 10 CFU/100 mL	<5 CFU/100 mL
Bioburden – Yeast & Mold	≤ 10 CFU/100 mL	<5 CFU/100 mL
Bacterial Endotoxins	<0.25 EU/ml	<0.08 EU/ml

Certification and Compliance Statements

This product meets all of the specifications listed above.

This product is made with USP/EP grade Isopropyl Alcohol and USP Injection Grade water.
 This product is 0.22 micron filtered.

No chemicals whatsoever are used as solvents at any point in the manufacture, processing or packaging of Isopropyl Alcohol. Only Class 2 and Class 3 residual solvents may appear as impurities / related substances / low level contaminants in IPA. Concentration of Class 2 Option 1 and Class 3 residual solvents is below limits in the current USP/NF General Chapter <467> and ICH Q3C Impurities: Residual Solvents.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations

This product is not certified as sterile. This product is not for direct human or veterinary parenteral administration, infusion, inhalation, or irrigation.