



PRODUCT SPECIFICATION SHEET
ISOPROPYL ALCOHOL 99%

Meets REAGENT ACS/USP/NF GRADE Monographs

Main Catalog #: 231000099-Size Code*, zp231000099-Size Code*
 Alternate Catalog #: zc2310000CP-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL RESULT
Assay by GC, corrected for water, min.	ACS USP	99.5% 99.0%	99.89%
Identification A	USP	To Pass	Pass
Identification B	USP	To Pass	Pass
Color (APHA), max.	ACS	NMT 10	1
Appearance	ACS	Clear liquid	Pass
Solubility in Water	ACS	Solution as clear as equal volume of water	Pass
Residue After Evaporation, max.	ACS	0.001%	0.000%
Limit of Nonvolatile Residue	USP	NMT 2.5 mg (0.005%)	0.0 mg
Limit of Volatile Impurities	USP	Diethyl Ether	NMT 0.1% <0.1%
		Acetone	NMT 0.1% <0.1%
		Diisopropyl Ether	NMT 0.1% <0.1%
		n-Propyl Alcohol	NMT 0.1% <0.1%
		2-Butanol	NMT 0.1% <0.1%
		Total	NMT 1.0% <1.0%
Titration Acid or Base, max.	ACS	0.0001 meq/g	<0.0001 meq/g
Acidity	USP	NMT 0.70 ml of 0.02N NaOH required for neutralization	0.52 mL
Water, max.	ACS	0.2%	
Water Determination	USP	NMT 0.5%	0.06%
Carbonyl Compounds 0.002% max each of Propionaldehyde or Acetone	ACS	0.002%	0.000%
Refractive Index @ 20C	USP	1.376-1.378	1.377
Specific Gravity @ 25C	USP	0.783-0.787	0.783

Form Isopropanol 99% ACS/USP/NF, # 301, Rev. 2.7, 06/16, KAD

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.