

PRODUCT SPECIFICATION SHEET
ISOPROPYL ALCOHOL 99%
REAGENT ACS / USP/NF GRADE

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. Limit of Nonvolatile Residue	ACS USP	0.001% NMT 2.5 mg (0.005%)	0.000% 0.0 mg
Limit of Volatile Impurities	USP	Diethyl Ether NMT 0.1% Acetone NMT 0.1% Diisopropyl Ether NMT 0.1% n-Propyl Alcohol NMT 0.1% 2-Butanol NMT 0.1% Total NMT 1.0%	<0.1% <0.1% <0.1% <0.1% <0.1% <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. Water Determination	ACS USP	0.2% 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. 2.6, 01/15, JMP

Disclaimer: For Industrial/Lab use only. Not intended as a Drug Substance, Medical Device or Disinfectant.
 Appropriate/legal use of this product is the responsibility of the user. (Rev. # disclaimer only, rev 3.6, 07/15, PD)