

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

Main Catalog #: 231ACS099-Size Code\*, 231USP/NF-Size Code\*, zp231USP/NF-Size Code\*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes
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PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL RESULT
Assay by GC, min	ACS/USP	99.8%	99.99%
Assay by GC corrected for water	ACS/USP	99.8%	99.96%
Identification (IR)	USP	To Pass	Pass
Color (APHA)	ACS	NMT 10	<10
Appearance	ACS	Clear	Clear
Solubility in Water	ACS	To Pass Test	Pass
Residue After Evaporation, max	ACS	10 ppm	<10ppm
Limit of Non-Volatile Residue	USP	NMT 2.5mg	0.5 mg
Titration Acid and Base max	ACS	0.0001 meq/g	Pass
Acidity	USP	NMT 0.70 ml of 0.02N NaOH required for neutralization	0.25ml
Water, max.	ACS	0.2%	0.02%
Carbonyl Compounds 0.002% max each of Propionaldehyde or Acetone	ACS	0.002%	<0.001%
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. 2.3, 3/07, EF

Approved by: P. McGowan, Laboratory Manager

Disclaimer: For Industrial, Pharmaceutical, Flavor & Fragrance or Lab Use. Not intended for use as an active substance in Food or Drug. Not to be considered a Medical Device. Not intended for use as a Disinfectant as defined by the EPA. The appropriate use of this product is the sole responsibility of the user. (Rev. # disclaimer only, rev 3.3 10/05/05 PD)