

PRODUCT SPECIFICATION SHEET ISOPROPYL ALCOHOL 99%

GENERAL USE HPLC-UV GRADE

Main Catalog No: 231HPLC99

Available in the following sizes:

4x1 gallon Fluorinated Poly, 4x4 liter Amber Glass

PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL RESULT
Assay by GC, corrected for water, min.	ACS USP	99.5% 99.0%	99.96%
Identification (IR)	USP	To Pass	Pass
Color (APHA), max.	ACS	NMT 10	<10
Appearance	ACS	Clear liquid	Clear
Solubility in Water	ACS	Solution as clear as equal volume of water	Pass
Residue After Evaporation, max.	ACS	0.001%	0.0005%
Limit of Non-Volatile Residue, max.	USP	2.5 mg/50mL	0.5 mg
Titration Acid or 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
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% <0.1%

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)

PRODUCT SPECIFICATIONS	MONO GRAPH	LIMITS	TYPICAL RESULT
UV Absorbance @ 210 nm 220 nm 230 nm 245 nm 260 nm 275 nm 300 nm 330 nm - 400 nm	ACS	A.U. 1.0 max. 0.40 max. 0.20 max. 0.08 max. 0.04 max. 0.03 max. 0.02 max. 0.01 max.	A.U. 0.43 0.21 0.11 0.03 0.01 0.00 0.00 0.00
Liquid Chromatography (ACS)	ACS	To Pass Test(s)	Pass
Absorbance			Pass
Gradient Elution			Pass
Gradient Analysis @ 254 nm			Pass

Form Isopropanol 99.8%-HPLC, # 301, Rev. 2.6, 03/15, JMP

This product is manufactured for Routine HPLC Analysis and meets the requirements for General Use HPLC Grade, ACS Specifications. This product is not intended for GC or critical HPLC analysis. See Glass Purified Glass Distilled Grade for those applications.

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