

# La-Mar-Ka, Inc.

ISO 9001 Certified

LMK Cat. No. 3506

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## Product Specifications

# ISOPROPYL ALCOHOL 99.8%

## HPLC-UV GRADE

## REAGENT GRADE ACS

Product Specifications	Limits	Typical Lot Analysis
Assay by GC, min.	99.8%	99.98%
Color (APHA), max.	10	1
Appearance	Clear	Clear
Solubility in Water	To Pass Test	Pass
Residue After Evaporation, max.	10 ppm	<5 ppm
Titration Acid or Base, max.	0.0001 meq/g	Pass
Water, max.	0.2%	0.02%
Carbonyl Compounds each of Propionaldehyde or Acetone	0.002%	Pass
UV Absorbance @	A.U.	A.U.
210 nm	1.0 max.	0.52
220 nm	0.40 max.	0.25
230 nm	0.20 max.	0.12
245 nm	0.08 max.	0.04
260 nm	0.04 max.	0.01
275 nm	0.03 max.	0.01
300 nm	0.02 max.	0.000
330 nm	0.01 max.	0.000
400 nm	0.01 max.	0.000
Liquid Chromatography (ACS)	To Pass Test(s)	Pass
Absorbance		Pass
Gradient Elution		Pass
Gradient Analysis @ 254 nm		Pass
Refractive Index @ 20C	1.376-1.378	1.377
Identification (IR)	To Pass	Pass
Acidity (USP)	To Pass	Pass
Specific Gravity @ 25C	0.783-0.787	0.783

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