



## PRODUCT SPECIFICATIONS SHEET

Product Name Isopropyl Alcohol 99% Kosher  
 Grade FCC Grade  
 Catalog # 231FCC099

TEST	MONO-GRAPH	SPECIFICATION	TYPICAL RESULT	UNITS
Acidity (as Acetic Acid)	FCC	NMT 10 mg/kg	LT 10 mg/kg	N/A
Assay	FCC	NLT 99.5% of C <sub>3</sub> H <sub>8</sub> O	99.98	%
Distillation Range	FCC	Within a range of 1°, including 82.3°	Pass	N/A
Identification A - Refractive Index	FCC	1.377 - 1.380 @ 20°	1.377	N/A
Identification B – Infrared Spectroscopy	FCC	The spectrum of the sample exhibits relative maxima at the same wavelengths as those of the reference spectrum	Pass	N/A
Inorganic Impurities - Lead	FCC	NMT 1 mg/kg	LT 1 mg/kg	N/A
Nonvolatile Residue	FCC	NMT 10 mg/kg	0	mg/kg
Specific Gravity	FCC	NMT 0.7840 at 25°/25°	0.7832	N/A
Solubility in water	FCC	After 1 h, the solution is as clear as an equal volume of water.	Pass	N/A
Substances Reducing Permanganate	FCC	The pink color is not entirely discharged	Pass	N/A
Volatile Impurities – Methanol	FCC	NMT 200 µL/L	LT 200 µL/L	N/A
Volatile Impurities – Any single specified impurity	FCC	NMT 1000 µL/L	LT 1000 µL/L	N/A
Volatile Impurities – Any other single unspecified impurity	FCC	NMT 1000 µL/L (calculated as ethyl acetate)	LT 1000 µL/L	N/A
Volatile Impurities - Sum of all impurities	FCC	NMT 5000 µL/L	LT 1000 µL/L	N/A
Water	FCC	NMT 0.2%	0.04	%



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This product is for further commercial manufacturing, laboratory or research use, and may be used as 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.