
Certificate of Analysis

Product: IsoPropyl Alcohol 99%, Kosher, FCC
 CAS# 64-63-0 (>99%)
 Date of Manufacture: Oct-08-2024

CP-E9653
 Lot# 241024-B107947
 Retest Date: Oct-07-2027

Meets ACS Specifications

Test	Specification	Result (units)
Acidity (as Acetic Acid)	Max. 10ppm	<10 ppm
Assay (IPA)	Min. 99.5%	99.97%
Distillation Range	Within a range of 1°C, including 82.3°C	Pass
Iden. A – Refractive Index	1.377 – 1.380 @20°C	1.377
Iden. B – IR Spectroscopy	Sample compared to reference spectrum	Pass
Inorganic Impurities – Lead (Pb)	Max. 1 ppm	< 1 ppm
Volatile Impurities - MeOH	Max. 200µL/L	< 200µL/L
Nonvolatile Residue	Max. 10 ppm	0
Specific gravity @ 25°C	Max. 0.7840 25°C/25°C	0.7832
Solubility in water	After 1 hour, the solution is as clear as an equal volume of water	Pass
Volatile Impurities – Any single spec. impurity	Max. 1000µL/L	< 1000µL/L
Substances Reducing Permanganate	Pink color is not entirely discharged	Pass
Volatile Imp. – sum of all impurities	Max. 5000µL/L	< 5000µL/L
Volatile Impurities – any other single unspecified impurity	Max. 1000µL/L (calculated as ethyl acetate)	< 1000µL/L
Water	0.20 % max.	0.03 %

Max. = Maximum, Imp. = Impurities, Iden. = Identification

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