

# Certificate of Analysis



SCIENTIFIC

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## ISOPROPANOL Biotechnology Grade

### PRODUCT NUMBER

IB15730 \_\_\_\_\_ 500ml  
IB15735 \_\_\_\_\_ 1L

### LOT NO.

Lot# \_\_\_\_\_ 21H2001

### STORAGE

Store at room temperature inside a flame proof cabinet.

### CAS NO.

CAS# \_\_\_\_\_ 67-63-0

### SPECIFICATIONS

	Specification	Analysis	Disposition
Assay (corrected for water)	Min. 99.5%	99.95%	PASS
Assay (wt%)	Min. 99.7%	99.99%	PASS
Appearance	PASS / FAIL	Clear, colorless liquid	PASS
Color (APHA)	Max. 10	1	PASS
Specific Gravity (25°C)	0.783 - 0.787	0.783	PASS
Residue after evaporation	Max. 0.001%	0.000%	PASS
Identification A (Relative Density @ 20°C)	0.785 - 0.789g/ml	0.785g/ml	PASS
Identification B (Refractive Index @ 20°C)	1.376 - 1.378	1.377	PASS
Acidity (NaOH is required)	NMT 0.70ml of 0.020N	0.55ml	PASS
Titration Acid or Base	0.0001meq/g	0.0001meq/g	PASS
Carbonyl Compounds (Propionaldehyde / Acetone)	Max. 0.002%	< 0.002% / None	PASS
Inorganic Impurities (Lead)	NMT 1mg/kg	< 1mg/kg	PASS
Limit of Volatile Impurities (Diethyl Ether/Acetone/Diisopropyl Ether/n-Propyl Alcohol/2-Butanol)	NMT 0.1%	< 0.1%	PASS
Limit of Volatile Impurities (Total)	NMT 1.0%	< 0.1%	PASS
Water Determination	NMT 0.5%	0.04%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 07/19/2021

Reassay Date: \_\_\_\_\_ 07/19/2026

### CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks  
Quality Control

08/04/21  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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