

# Certificate of Analysis



SCIENTIFIC

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## GLYCEROL

### PRODUCT NUMBER

IB15760 \_\_\_\_\_ 500mL  
IB15762 \_\_\_\_\_ 1L

### LOT NO.

Lot# \_\_\_\_\_ 23G3003

### STORAGE

Store at room temperature. Protect from moisture. Keep tightly sealed.

### CAS NO.

CAS# \_\_\_\_\_ 56-81-5

### SPECIFICATIONS

	Specification	Analysis	Disposition
Water Determination	< 5.0%	0.09%	PASS
Organic Impurities - Related Compounds - Total Impurities	≤ 1.0%	None detected	PASS
Inorganic Impurities - Chloride and Sulfate (as Sulfate)	≤ 20ppm	< 20ppm	PASS
Specific Gravity	≥ 1.249 @ 25C	1.261	PASS
Inorganic Impurities - Residue on Ignition	< 0.01%	0.01%	PASS
Organic Impurities - Related Compounds - Individual Impurities	< 0.1%	None detected	PASS
Identification Test C - Gas Chromatography	Conforms	Conforms	PASS
Identification Test B - Limit of EG	≤ 0.1%	None detected	PASS
Identification Test B - Limit of DEG	≤ 0.1%	None detected	PASS
Identification Test A	Conforms	Conforms	PASS
Organic Impurities - Fatty Acids and Esters	≤ 1mL 0.5N NaOH consumed	0.24mL	PASS
Color	Not darker than standard	PASS	PASS
Organic Impurities - Limit of Chlorinated Compounds	≤ 30ppm of Cl	< 30ppm	PASS
Organic Impurities - Chloride and Sulfate (as Chloride)	≤ 10ppm	< 10ppm	PASS
Assay on anhydrous basis	99.0 - 101.0%	100.00%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 11/15/2022

Reassay Date: \_\_\_\_\_ 11/14/2024

### 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.

Abigail Wood  
Quality Control

07/20/23  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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