

# Certificate of Analysis



SCIENTIFIC

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## METHYLENE BLUE

### PRODUCT NUMBER

IB74050 \_\_\_\_\_ 25gm

### LOT NO.

Lot# \_\_\_\_\_ 24A1005

### STORAGE

Store at room temperature. Protect from moisture.

### CAS NO.

CAS# \_\_\_\_\_ 7220-79-3

### SPECIFICATIONS

	Specification	Analysis	Disposition
Arsenic	< 8 ppm	4.91 ppm	PASS
Copper	< 200 ppm	< 0.01 ppm	PASS
Appearance	Dark green crystalline	PASS	PASS
Dye Content (Dry Basis)	98 - 103%	99.54%	PASS
Solubility	Clear Blue Solution	PASS	PASS
Identification	Conforms to Standard	PASS	PASS
Chromatographic Purity	Conforms	PASS	PASS
Loss on Drying	8 - 18%	11.83%	PASS
Methylene Chloride (ug/g)	Report	< 280	PASS
Residue on Ignition	≤ 1.2%	< 0.86%	PASS
Chloroform (ug/g)	Report	< 48	PASS
Zinc	< 0.01%	< 0.01%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 01/02/2024

### 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

01/10/24

Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

IBI SCIENTIFIC • 7445 Chavenelle Road • Dubuque, IA 52002-9664 • USA