

# Certificate of Analysis



SCIENTIFIC

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## METHYLENE BLUE

### PRODUCT NUMBER

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

### LOT NO.

Lot# \_\_\_\_\_ 20G2004

### STORAGE

Store at room temperature. Protect from moisture.

### CAS NO.

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

### SPECIFICATIONS

	Specification	Analysis	Disposition
Arsenic	≤ 8ppm	Conforms	PASS
Copper	≤ 200ppm	36ppm	PASS
DNase, RNase, Protease assay	PASS / FAIL	None detected	PASS
Appearance	Dark Green or Blue	Conforms	PASS
Solubility	Clear Blue Solution	Conforms	PASS
Zinc	≤ 100ppm	Conforms	PASS
Infrared Spectrum	Conforms To Structure	Conforms	PASS
Loss on Drying (@ 110°C)	8 - 16%	9%	PASS
UV Ratios	Absorptivity 1%/1cm at Max 663 ± 1nm 2200-2700	None detected	PASS
Residue on Ignition	≤ 1.0%	< 0.6%	PASS
Related Substances (Chromatographic Impurities)	None	Conforms	PASS
Assay by Titration (Dry basis)	98 - 103%	100.3%	PASS

### DATE OF

Manufacture Date: \_\_\_\_\_ 07/07/2020

### 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

07/10/20  
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.

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