

Certificate of Analysis



SCIENTIFIC

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METHYLENE BLUE

PRODUCT NUMBER

IB74050 _____ 25gm

LOT NO.

Lot# _____ 22J2005

STORAGE

Store at room temperature. Protect from moisture.

CAS NO.

CAS# _____ 7220-79-3

SPECIFICATIONS

	Specification	Analysis	Disposition
Arsenic	< 8ppm	Not Detected	PASS
Copper	< 200ppm	< 0.61 ppm	PASS
DNase, RNase, Protease assay	PASS / FAIL	None detected	PASS
Appearance	Dark Green Crystalline Powder	Conforms	PASS
Solubility	Soluble in Water, Ethanol Methyl Cellosolve Ethylene Glycol	Conforms	PASS
Zinc	No turbidity produced within 5 minutes	Conforms	PASS
Identification (FTIR)	Conforms To Structure	Conforms	PASS
Lambda Max	As per Biological Stain Commission	Peak: 665nm, ration 1.52@ 650/680nm Density @ peak: 0.663au	PASS
Moisture (LOD)	< 22%	10.06%	PASS
Residue on Ignition	< 1.2%	0.45%	PASS
Chromatographic Purity	To pass test	Conforms	PASS
Assay (Dry basis)	98 - 103%	98.41%	PASS
Assay (as is)	> 82%	92.0%	PASS

DATE OF

Manufacture Date: _____ 01/01/2022

Reassay Date: _____ 12/31/2026

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.

Abigail Wood
Quality Control

09/09/22
Date

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.