

CERTIFICATE OF ANALYSIS

Product Name: Methylene Blue Drops
Lot Number: MB20240125
Form: Liquid Drops (2 fl oz / 60 mL)

Mfg Date: January 25, 2024
Exp Date: January 24, 2027

Test Results

Test Parameter	Specification	Result	Status
Identification	Positive for Methylene Blue	Conforms	PASS
Appearance	Dark Blue Liquid	Conforms	PASS
Assay (Purity)	≥ 95.0%	99.18%	PASS
Loss on Drying	≤ 15.0%	9.2%	PASS
Residue on Ignition	≤ 1.0%	0.31%	PASS
Total Heavy Metals	≤ 20 ppm	< 10 ppm	PASS
Arsenic (As)	Conforms to USP <231>	Conforms	PASS
Lead (Pb)	Conforms to USP <231>	Conforms	PASS
Cadmium (Cd)	Conforms to USP <231>	Conforms	PASS
Mercury (Hg)	Conforms to USP <231>	Conforms	PASS
Total Plate Count	≤ 1000 cfu/g	20 cfu/g	PASS
Total Yeast & Mold	≤ 100 cfu/g	10 cfu/g	PASS
E. Coli	Negative	Negative	PASS
Salmonella	Negative	Negative	PASS
Staphylococcus	Negative	Negative	PASS

DISPOSITION: All parameters within specification. Lot MB20240125 RELEASED for distribution.

Certification Statement

This lot was manufactured in a cGMP-compliant, FDA-registered facility and tested by a third-party laboratory. All results conform to established specifications. This certificate verifies that the product meets applicable quality and safety standards for distribution.

Results apply only to the lot tested. This document shall not be reproduced without written authorization from MitoClarity.