FERN & LILY
BOTANICA

CERTIFICATE OF ANALYSIS

Product Name: Methylene Blue
Batch Number: #23825
Quantity: 500

Date of Manufacture: 23 August 2025
Date of Expiry: August 2028
Test Date: 23 August 2025

Item	Specification	Result
Physical & Chemical Control		
Assay	2.0%	2.01%
Appearance	Dark green/blue liquid	Complies
Odor	Characteristic	Complies
Solubility	Soluble in water (turns blue), slightly soluble in ethanol, insoluble in ether and benzene	Complies
Particle size	NLT90% through 100 mesh	Complies
Ash	≤0.2%	≤1.0%
Heavy Metals		
As	≤0.0005 ppm	Complies
Zn	≤0.02 ppm	Complies
Cu	≤0.03 ppm	Complies
Microbiological		
Total Plate Count	1,000/g Max.	98/g
Yeast & Mold	100/g Max	＜10/g
Conclusion	This product complies with the standard.	
Storage	In cool & dry place. Keep away from strong light and heat.	
Shelf life	3 years when properly stored.	
Other/Notes		

FERN & LILY BOTANICA