

## Certificate of Analysis

Date of Testing: 2023-04-28 11:46:56

Date of Next Testing: 2027-04-27 11:46:56

Product Name: **Methylene blue**

CAS Number: 7220-79-3

Specifications &amp; Purity: Indicator

Lot #: D23211069

SKU #: **M102719****Analysis: 217588**

Parameter	Limit Values	Result
Water by Karl Fischer	0-20 (%)	16.87%
(As)Arsenic	0-0.0005 (%)	0.00%
Zinc(Zn)	0-0.02 (%)	0.01%
Assay	82-100 (%)	95.49%
Copper(Cu)	0-0.015 (%)	0.01%
Ignition Residue (as sulfate)	0-0.5 (%)	0.31%
Allochromic test	pass	Pass
Solubility in EtOH , clear,50mg/ml	pass	Pass

John Su  
QA & QC Manager