

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-18 13:52:04

Date of Next Testing: 2025-04-17 13:52:04

Product Name: **Methylene blue**

CAS Number: 61-73-4

Specifications & Purity: $\geq 70.0\%$

Lot #: G2113206

SKU #: **M134389****Analysis: 213021**

| Parameter | Limit Values | Result |
|--------------------------|--|--|
| Dye Content | 70-100 (%) | 94.78 % |
| Absorpt. Ratio P-15/P+15 | 1.2-1.7 | 1.35 |
| Lambda max | 663-667 (nm) | 664.00 nm |
| Appearance (M134389) | Dark green to Brown Crystalline powder | Dark green to Brown Crystalline powder |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |

John Su
QA & QC Manager