

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-29 17:29:08

Date of Next Testing: 2028-09-28 17:29:08

Product Name: **Methylene Blue hydrate**

CAS Number: 122965-43-9

Specifications & Purity:  $\geq 96\%$

Lot #: I2519017

SKU # **M190219**

Version **0**

Analysis #: **585371**

Storage Temperature: Room temperature

| Parameter                                             | Limit Values          | Result                |
|-------------------------------------------------------|-----------------------|-----------------------|
| Loss on drying                                        | 0-22 (%)              | 8.11240 %             |
| Insoluble matter                                      | 0-1 (%)               | 0.00000 %             |
| Purity(Argentmetric Titration calcd.on anh.substance) | 95.5-104.5 (%)        | 98.16800 %            |
| Appearance (M190219Color)                             | Green to Dark Green   | Green to Dark Green   |
| Appearance (M190219Form)                              | Powder                | Powder                |
| Proton NMR spectrum                                   | Conforms to Structure | Conforms to Structure |



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QA & QC Manager