

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-06-10 22:29:46

Date of Next Testing: 2026-06-09 22:29:46

Product Name: **Methylene Violet 3RAX**

CAS Number: 4569-86-2

Specifications & Purity: Dye content 90%

Lot #: F2206201

SKU #: **M121940**

Version: **1**

Analysis #: **081838**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	99.57500 %
E(λ :553 - 559 nm)	≥ 40000	40358.00000
E(λ :231 - 237 nm)	≥ 12000	12089.00000
E(λ :271 - 277 nm)	≥ 35000	35051.00000
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
UV-Vis spectrometry,C=0.008g/L in H2O	pass	Pass
Appearance (M121940)	Green or purple to very dark green or very dark purple or black powder or crystals	Green or purple to very dark green or very dark purple or black powder or crystals



John Su
QA & QC Manager