

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-09 17:29:25

Date of Next Testing: 2026-10-08 17:29:25

Product Name: **Methylene Violet 3RAX**

CAS Number: 4569-86-2

Specifications & Purity: Dye content 90%

Lot #: I2224449

SKU #: **M121940**

Version: **1**

Analysis #: **112140**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	95.00800 %
E(λ :553 - 559 nm)	≥ 40000	40082.00000
E(λ :231 - 237 nm)	≥ 12000	12055.00000
E(λ :271 - 277 nm)	≥ 35000	35019.00000
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
UV-Vis spectrometry, C=0.008g/L in H ₂ O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager