

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-05-13 14:31:21
 Date of Next Testing: 2026-05-12 14:31:21
 Product Name: **Methylene Violet 3RAX**
 CAS Number: 4569-86-2
 Specifications & Purity: Dye content 90%
 Lot #: G1809097
 SKU #: **M121940**
 Version: **1**
 Analysis #: **090610**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	97.40000 %
E(λ :553 - 559 nm)	≥ 40000	46200.00000
E(λ :231 - 237 nm)	≥ 12000	14200.00000
E(λ :271 - 277 nm)	≥ 35000	37600.00000
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
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
UV-Vis spectrometry, C=0.008g/L in H ₂ O	pass	Pass



John Su
QA & QC Manager