

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-04-23 16:54:13  
Date of Next Testing: 2025-04-22 16:54:13  
Product Name: **methyl violet**  
CAS Number: 8004-87-3  
Specifications & Purity: indicator, pH 0.1-2.0  
Lot #: D2117270  
SKU #: **M112775**  
Version: **0**  
Analysis #: **008365**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
abs-ratio(a/b) (E570/E600)	1.05-1.2	1.16
Loss on drying	0-10 (%)	3.90%
Absorbance (2mg/L, H <sub>2</sub> O, 583.0 to 587.0 nm) (calcd.on dried)	0-0.35	0.35
Lambda max(H <sub>2</sub> O)	583-587 (nm)	584.00 nm
Appearance (M112775)	Dark Green to Purple Powder or Solid	Dark Green to Purple Powder or Solid
PH Transition interval,0.1~2.0	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager