

Certificate of Analysis

Date of Testing: 2023-01-16 10:32:54

Date of Next Testing: 2027-01-15 10:32:54

Product Name: **methyl violet**

CAS Number: 8004-87-3

Specifications & Purity: indicator, pH 0.1-2.0

Lot #: A2306238

SKU #: **M112775**

Version: **0**

Analysis #: **093096**

Storage Temperature: Protected from light

Parameter	Limit Values	Result
abs-ratio(a/b) (E570/E600)	1.05-1.2	1.19
Loss on drying	0-10 (%)	3.96 %
Lambda max(H ₂ O)	583-587 (nm)	583.00 nm
Absorbance (2mg/L, H ₂ O, 583.0 to 587.0 nm) (calcd.on dried)	≥0.35	0.55
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



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