

## Certificate of Analysis

Date of Testing: 2024-01-24 17:02:13  
Date of Next Testing: 2027-01-23 17:02:13  
Product Name: **Methylene blue (C.I. 52015)**  
CAS Number: 7220-79-3  
Specifications & Purity: Reag. Ph Eur  
Lot #: A2423151  
SKU #: M433395  
Version: 1  
Analysis #: 312679

Parameter	Limit Values	Result
Absorption maximum $\lambda_{\max}$ . (ethanol50%)	660-665 (nm)	662.00000 nm
Spec. Absorptivity A 1%/1cm ( $\lambda_{\max}$ ; 0.003g/l; ethanol 50%)	2250-2750	2689.47000
Loss on Drying(110°C)	10-15 (%)	10.77 %
Appearance(M433395)	Dark green powder,eventually with granular and bright parts	Dark green powder,eventually with granular and bright parts
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager