

Certificate of Analysis

Date of Testing: 2024-01-24 17:00:39
Date of Next Testing: 2027-01-23 17:00:39
Product Name: **Methylene blue (C.I. 52015)**
CAS Number: 7220-79-3
Specifications & Purity: Reag. Ph Eur
Lot #: A2423152
SKU #: M433395
Version: 1
Analysis #: 312679

Parameter	Limit Values	Result
Absorption maximum λ_{\max} . (ethanol 50%)	660-665 (nm)	662.00000 nm
Spec. Absorptivity A 1%/1cm (λ_{\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