

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-04-16 10:09:53

Date of Next Testing: 2028-04-15 10:09:53

Product Name: **Methylene blue (C.I. 52015)**

CAS Number: 7220-79-3

Specifications & Purity: Ph.Eur.

Lot #: D2507594

SKU #: **V34411**

Version: **0**

Analysis #: **498520**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Absorption maximum $\lambda_{\max}$. (ethanol 50%)	660-665 (nm)	661.00000 nm
Spec. Absorptivity A 1%/1cm ($\lambda_{\max}$; 0.003g/l; ethanol 50%)	2250-2750	2540.62500
Loss on Drying(110°C)	10-15 (%)	10.28 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V34411)	Dark green powder,eventually with granular and bright parts	Dark green powder,eventually with granular and bright parts

Quality Assurance : Xiaoyong Tan
Quality Control : Yunfei Zhu

