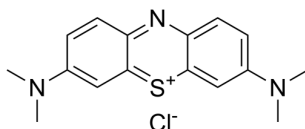


Certificate of Analysis

Compound Information

Product Name:	Methylene blue (≥70.0%)
Cat. No.:	1239875
CAS No.:	61-73-4
Molecular Formula:	C ₁₆ H ₁₈ ClN ₃ S
Molecular Weight:	319.85
Chemical Structure:	



Batch Information

Batch No.:	Lg0731288593
Storage:	2-8°C, stored under nitrogen
Test Date:	2023-07-31
Retest Date:	2026-07-30
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	Brown to reddish brown (Solid)	Brown (Powder)
Assay, ω/%:	≥82.0	IND
Identity (UV/VIS-Spectrum):	Conforms to Structure	Conforms to Structure
Maximum Absorption Wavelength, λ_{max}/(nm):	660-665	Qualified
Spec. Absorptivity:	2250-2750	Qualified
Loss On Drying, ω/%:	10.0-15.0	Qualified
Conclusion:	The product has been tested and complies with the given specifications.	

Caution: Research use only and are not intended for human use.

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