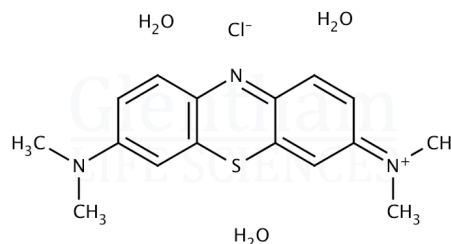


Certificate of Analysis

Product Name	Methylene Blue trihydrate (C.I. 52015); Ph. Eur. grade
Glentham Code	GE7263
CAS Number	7220-79-3
EINECS	200-515-2
Farbindex	52015
MDL-Nummer	MFCD00012111
Zusätzliche CAS	61-73-4 (anhydrous)
Zusätzliche CAS	122965-43-9 ($\cdot xH_2O$)
Batch Number	502XVW
Molecular Weight	373.90
Molecular Formula	$C_{16}H_{18}ClN_3S \cdot 3H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 502XVW
Physical Description	Dark green crystalline powder	Dark green crystalline powder
Identification (UV-VIS)	To pass test	Entspricht
Wavelength of Maximum Absorption (λ_{max})	660 - 665 nm (50% in ethanol)	663nm
Absorptivity (1%/1cm)	2250 - 2750 (50% in ethanol)	2513
Loss on Drying	8.0 - 16.0 % (110°C)	8.2%
Pharmacopoeia Specification(s)	EP	Entspricht
Specification Version	v1.0	
Manufacture Date	2025-02-20	
Re-Test Date	2031-01-29	

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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