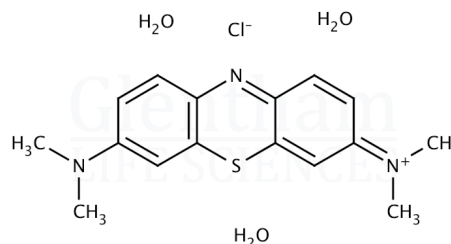


Certificate of Analysis

Product Name	Methylene Blue trihydrate (C.I. 52015)
Glentham Code	GT0735
CAS Number	7220-79-3
EINECS	200-515-2
Colour Index	52015
MDL Number	MFCD00012111
Additional CAS	61-73-4 (anhydrous)
Additional CAS	122965-43-9 ($\cdot xH_2O$)
PubChem SID	310276717
Batch Number	056MQN

Molecular Weight	373.90
Molecular Formula	$C_{16}H_{18}ClN_3S \cdot 3H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 056MQN
Physical Description	Dark green crystalline powder	Dark green crystalline powder
Solubility (0.1% in water)	Clear, blue to dark blue solution	Clear, dark blue solution
Zinc (Zn)	To pass test	Conforms
Loss on Drying	8.0 - 15.0 %	13.9%
Assay	98.0 - 103.0 % (dried basis)	99.6%

Specification Version	v1.0
Manufacture Date	2022-11-16
Re-Test Date	2027-10-03

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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