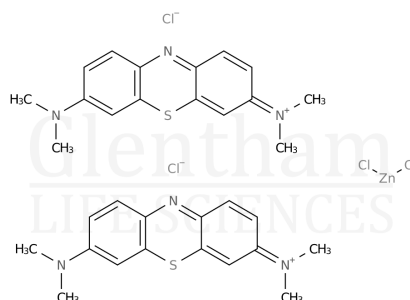


## Certificate of Analysis

Product Name	Methylene Blue zinc chloride double salt
Glentham Code	GT6731
CAS Number	699015-82-2
MDL Number	MFCD00150006
Additional CAS	26283-09-0
Batch Number	483XER

Molecular Weight	388.00 (anhydrous)
Molecular Formula	$C_{16}H_{18}ClN_3S \cdot 0.5ZnCl_2 \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 483XER
Physical Description	Dark brown powder	Dark brown powder
Solubility (0.1% in water)	Dark blue to very dark blue solution	Conforms
Insoluble Matter	≤ 1.0%	0.8%
Wavelength of Maximum Absorption (λ <sub>max</sub> )	662.0 - 666.0 nm (in water)	664.8nm
Loss on Drying	≤ 10.0%	4.2%
Dye Content	≥ 90.0%	98.6%

Specification Version	v1.0
Manufacture Date	2022-10-17
Re-Test Date	2031-09-04

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2024