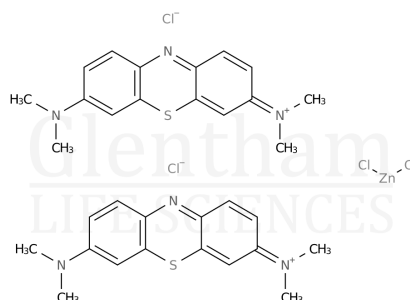


## Product Specification

|                   |  |
|-------------------|--|
| Product Name      | Methylene Blue zinc chloride double salt         |
| Glentham Code     | GT6731   |
| CAS Number        | 699015-82-2                                      |
| MDL Number        | MFCD00150006                                     |
| Additional CAS    | 26283-09-0                                       |
| 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                        |
|--|--------------------------------------|
| Physical Description                                 | Dark brown powder                    |
| Solubility (0.1% in water)                           | Dark blue to very dark blue solution |
| Insoluble Matter                                     | ≤ 1.0%                               |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | 662.0 - 666.0 nm (in water)          |
| Loss on Drying                                       | ≤ 10.0%                              |
| Dye Content  | ≥ 90.0%                              |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2019-06-03 |

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](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, 2025