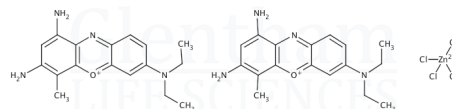


## Certificate of Analysis

Product Name Brilliant Cresyl Blue (C.I. 51010)  
Glentham Code GT9275  
CAS Number 81029-05-2  
EINECS 279-675-0  
Index des couleurs 51010  
Numéro MDL MFCD00148901  
Batch Number 641YQK

Molecular Weight 385.96  
Molecular Formula  $C_{17}H_{20}N_3OCl \cdot 1/2ZnCl_2$   
Storage Temp. +20°C



| Property                                                      | Specification                             | Batch 641YQK      |
|---------------------------------------------------------------|-------------------------------------------|-------------------|
| Physical Description                                          | Green to dark green powder                | Dark green powder |
| Solubility                                                    | 0.1% in 50% ethanol: Clear, blue solution | Conforms          |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) Reported |                                           | 626.8 nm          |
| Absorptivity (1%/1cm)                                         | $\geq 1625$ (at $\lambda_{max}$ )         | 1682              |
| Loss on Drying                                                | $\leq 8.0\%$ (110°C)                      | 4.9%              |
| Dye Content                                                   | $\geq 65.0\%$ (spectrophotometry)         | 67.3%             |

Specification Version v1.0  
Manufacture Date 2023-08-23  
Re-Test Date 2032-12-21

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.

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