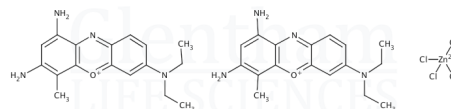


Certificate of Analysis

Product Name Brilliant Cresyl Blue (C.I. 51010)
Glentham Code GT9275
CAS Number 81029-05-2
EINECS 279-675-0
Colour Index 51010
MDL Number 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 (λ_{max}) Reported | | 626.8 nm |
| Absorptivity (1%/1cm) | ≥ 1625 (at λ_{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 or contact us using the details above for the current version of this document.

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