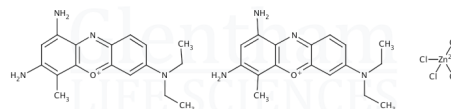


## Certificate of Analysis

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  $C_{17}H_{20}N_3OCl \cdot 1/2 ZnCl_2$   
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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