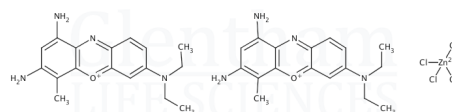


Certificate of Analysis

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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