

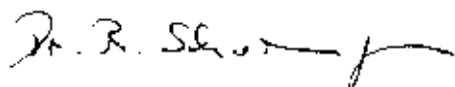
## Certificate of Analysis

Product Name:

'Brilliant Cresyl blue' - for microscopy (Vit.), mixture of toluidine blue and waterblue

**Product Number:** 16030  
**Batch Number:** BCCL3874  
**Brand:** SIGMA  
**CAS Number:** 4712-70-3  
**Formula:** C<sub>17</sub>H<sub>20</sub>N<sub>3</sub>O.Cl  
**Quality Release Date:** 05 FEB 2024

Test	Specification	Result
Appearance (Color)	Green to Very Dark Green	Very Dark Green
Appearance (Form)	Powder	Powder
Thin Layer Chromatography	Corresponds to Standard	Corresponds
Solubility (Color) 0.01G IN 10ML METHANOL	Blue to Very Dark Blue	Very Dark Blue
Loss on Drying	≤ 5.0 %	2.5 %
Wavelength (1)(UV)	630 - 640 nm	635 nm
Extinction (1)(UV) (1%/1cm)	≥ 1000	1161
Solvent (UV) Ethanol 50 %	Ethanol/H <sub>2</sub> O 1/1	Ethanol/H <sub>2</sub> O 1/1



Dr. Reinhold Schwenninger  
Quality Assurance  
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Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

