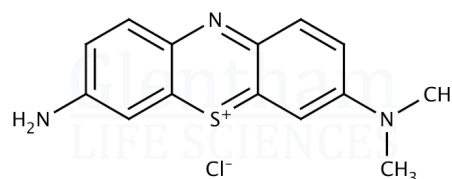


## Certificate of Analysis

|                   |  |
|-------------------|--|
| Product Name      | Giemsa stain, powder, certified                    |
| Glentham Code     | GT5290   |
| CAS Number        | 51811-82-6   |
| EINECS            | 257-438-2  |
| MDL Number        | MFCD00081642                                       |
| Batch Number      | 845XBC   |
| Molecular Weight  | 291.80   |
| Molecular Formula | C <sub>14</sub> H <sub>14</sub> ClN <sub>3</sub> S |
| Storage Temp.     | +20°C  |



| Property   | Specification   | Batch 845XBC              |
|--|---|---------------------------|
| Physical Description                                 | Dark green to black powder                                | Dark green powder         |
| Solubility (0.1% in methanol)                        | Clear, dark blue to dark purple solution (with green hue) | Clear, dark blue solution |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | 640.0 - 655.0 nm  | 646.0nm                   |
| Absorptivity (1%/1cm)                                | ≥ 950 (at λ <sub>max</sub> )                              | 1257                      |
| Loss on Drying                                       | ≤ 10.0%   | 7.1%                      |
| Biological Stain Commission                          | To pass tests   | Conforms                  |

|                       |            |
|-----------------------|------------|
| Specification Version | v1.0       |
| Manufacture Date      | 2022-05-01 |
| Re-Test Date          | 2031-01-22 |

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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