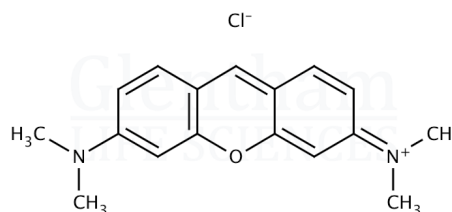


## Certificate of Analysis

Product Name Pyronin Y (C.I. 45005)  
Glentham Code GT6834  
CAS Number 92-32-0  
EINECS 202-147-8  
Colour Index 45005  
MDL Number MFCD00011725  
PubChem SID 310279490  
Batch Number 817ZGZ

Molecular Weight 302.80  
Molecular Formula  $C_{17}H_{19}ClNO$   
Storage Temp. +20°C



| Property   | Specification   | Batch 817ZGZ                  |
|--|---|-------------------------------|
| Physical Description                                 | Green to dark green, dark red-green or black crystalline powder | Dark green crystalline powder |
| Identification                                       | To conform to standard  | Conforms                      |
| Melting Point  | Reported (approx. 255°C)  | 256 °C                        |
| Wavelength of Maximum Absorption ( $\lambda_{max}$ ) | 545 - 551 nm  | 550 nm                        |
| Absorbance   | $\geq 0.70$ (0.005g/l, 50% EtOH)                                | 0.814                         |
| Dye Content  | Approx. 50%   | 52%                           |

Specification Version v1.0  
Manufacture Date 2017-03-01  
Re-Test Date 2030-02-17

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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