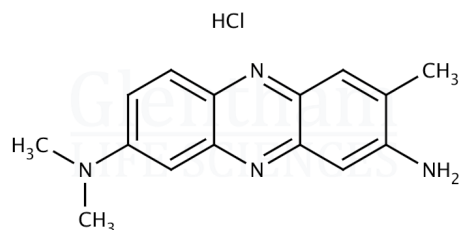


Certificate of Analysis

| | |
|-------------------|-------------------------------------|
| Product Name | Neutral Red (C.I. 50040); certified |
| Glentham Code | GT2110 |
| CAS Number | 553-24-2 |
| EINECS | 209-035-8 |
| Batch Number | 362TOU |
| Molecular Weight | 288.78 |
| Molecular Formula | $C_{15}H_{17}ClN_4$ |
| Storage Temp. | +20°C |



| Property | Specification | Batch 362TOU |
|--|--|----------------------|
| Physical Description | Dark green to black powder or crystals | Dark green powder |
| Identification (IR) | To conform to standard | Conforms to standard |
| Wavelength of Maximum Absorption (λ_{max}) | 540.0 - 544.0 nm (in 50% ethanol, acidified) | 543.0nm |
| Absorbance Ratio | 1.00 - 1.12 ($\lambda_{max} \pm 15nm$) | 1.05 |
| Dye Content | $\geq 50.0\%$ | 65.9% |
| Suitability for haematology | To pass staining tests | Conforms |
| Notes | Certified by the Biological Stain Commission | Conforms |

| | |
|-----------------------|------------|
| Specification Version | v1.0 |
| Manufacture Date | 2023-03-01 |
| Re-Test Date | 2032-03-24 |

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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