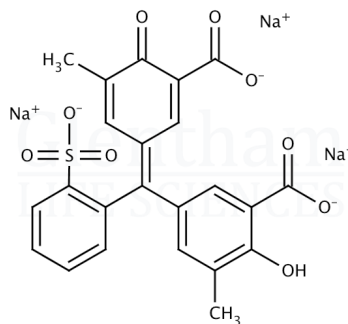


Product Specification

| | |
|-------------------|-----------------------------------|
| Product Name | Eriochrome Cyanine R (C.I. 43820) |
| Glentham Code | GT6219 |
| CAS Number | 3564-18-9 |
| EINECS | 222-641-7 |
| Additional CAS | 6564-18-9 |
| Colour Index | 43820 |
| PubChem SID | 310272630 |
| Molecular Weight | 536.39 |
| Molecular Formula | $C_{23}H_{15}Na_3O_9S$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--|---|
| Physical Description | Dark red powder |
| Identification | IR |
| Wavelength of Maximum Absorption (λ_{max}) | 434.0 - 440.0 nm (in water, pH7) |
| Spectrophotometric Assay | Reported at λ_{max} |
| pH Transition Range(s) | 1.0 - 2.0 (yellow-orange to red) 6.0 - 7.0 (red to yellow) 11.0 - 12.0 (yellow to blue) |

| | |
|-----------------------|--------------|
| Specification Version | - v1.0 |
| Date Created | - 2015-09-28 |

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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