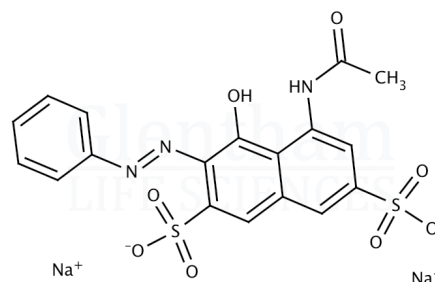


Product Specification

| | |
|-------------------|-----------------------------|
| Product Name | Acid Red 1 (C.I. 18050) |
| Glentham Code | GT6503 |
| CAS Number | 3734-67-6 |
| EINECS | 223-098-9 |
| MDL Number | MFCD00003954 |
| Colour Index | 18050 |
| PubChem SID | 310265776 |
| Molecular Weight | 509.42 |
| Molecular Formula | $C_{18}H_{13}N_3Na_2O_8S_2$ |
| Storage Temp. | +20°C |



| Property | Specification |
|--|--------------------------------------|
| Physical Description | Red to brown-violet or purple powder |
| Solubility (5% in 50:50 methanol:water) | Red to dark red solution |
| Insoluble Matter | ≤ 0.2% |
| Wavelength of Maximum Absorption (λ _{max}) | 527 - 537 nm |
| Specific Absorption (E ₁ %/1cm) | ≥ 300 |
| Dye Content | ≥ 80% |

| | | |
|-----------------------|---|------------|
| Specification Version | - | v1.2 |
| Date Created | - | 2018-12-10 |

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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