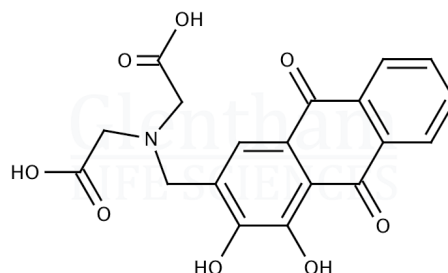


## Product Specification

|               |                     |
|---------------|---------------------|
| Product Name  | Alizarin Complexone |
| Glentham Code | GT6797              |
| CAS Number    | 3952-78-1           |
| EINECS        | 223-544-2           |
| Numéro MDL    | MFCD00001202        |
| PubChem SID   | 310265985           |

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Molecular Weight  | 385.33                                          |
| Molecular Formula | C <sub>19</sub> H <sub>15</sub> NO <sub>8</sub> |
| Storage Temp.     | +20°C                                           |



| Property                                             | Specification                               |
|------------------------------------------------------|---------------------------------------------|
| Physical Description                                 | Yellow, orange or brown powder              |
| Solubility                                           | 10mg/ml in 1M NaOH: Blue to purple solution |
| Sulphated Ash                                        | ≤ 0.5%                                      |
| Water                                                | ≤ 9.5%                                      |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | 425 - 430 nm (in methanol)                  |
| Absorptivity (E1%, 1cm cell)                         | ≥ 300 (λ <sub>max</sub> , 0.1M NaOH)        |
| Assay                                                | ≥ 97.0% (anhydrous basis)                   |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.1       |
| Date Created          | - 2021-05-20 |

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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