

## Product Datasheet

### GT4917 - Purpurin (C.I. 58205)

Pictograms

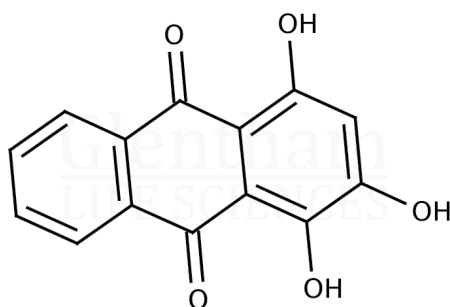


#### Product Details

|                    |                             |
|--------------------|-----------------------------|
| Product Name       | Purpurin (C.I. 58205)       |
| Glenthams Code     | GT4917                      |
| CAS Number         | 81-54-9                     |
| EINECS             | 201-359-8                   |
| Index des couleurs | 58205                       |
| Numéro MDL         | MFCD00001203                |
| PubChem SID        | 310279393                   |
| Related Categories | Biochemicals, Dyes & Stains |

#### Structure

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Molecular Weight  | : 256.21                                        |
| Molecular Formula | : C <sub>14</sub> H <sub>8</sub> O <sub>5</sub> |



#### Glenthams Product Specification

|                                                      |                                                                      |
|------------------------------------------------------|----------------------------------------------------------------------|
| Physical Description                                 | : Dark-red to orange-brown or brown powder                           |
| Assay (HPLC)                                         | : ≥ 70.0%                                                            |
| Solubility                                           | : 1mg/ml NH <sub>4</sub> OH: Red to very dark red or purple solution |
| Wavelength of Maximum Absorption (λ <sub>max</sub> ) | : 470.0 - 490.0 nm                                                   |
| Extinction Coefficient                               | : ≥ 17000 (254 - 260 nm, c=10mg/L, methanol)                         |
| Extinction Coefficient                               | : ≥ 7000 (470 - 490 nm, c=10mg/L, methanol)                          |
| Identification (IR)                                  | : To conform to standard                                             |
| Version                                              | : v1.1                                                               |

#### About Purpurin (C.I. 58205)

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.

|                     |                                                |
|---------------------|------------------------------------------------|
| CLP Classification  | Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A |
| Signal Word         | Attention                                      |
| Hazard Codes        | H315, H336, H335, H319                         |
| Precautionary Codes | P302+P350, P280, P261, P305+P351+P338          |

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