

## Product Datasheet

### GT4023 - Bromocresol Green

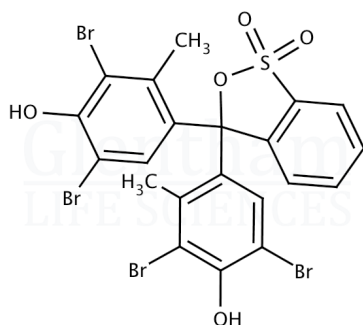
#### Product Details

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| Product Name       | Bromocresol Green                                   |
| Glenthams Code     | GT4023                                              |
| CAS Number         | 76-60-8                                             |
| EINECS             | 200-972-8                                           |
| Numéro MDL         | MFCDD00005874                                       |
| PubChem SID        | 310268866                                           |
| Related Categories | Biochemicals, Dyes & Stains,<br>Raw Materials (IVD) |

|                                     |                                                                                          |
|-------------------------------------|------------------------------------------------------------------------------------------|
| Physical Description                | : Pale yellow to tan or light-brown powder                                               |
| Solubility (0.1% in ethanol)        | : Clear solution                                                                         |
| pH Transition Range                 | : 3.8 - 5.4 (green-yellow to blue)                                                       |
| Wavelength(s) of Maximum Absorption | : $\lambda_{\text{max1}}$ (pH 3.8): ~440nm<br>: $\lambda_{\text{max2}}$ (pH 5.4): ~616nm |
| Absorptivity (1%/1cm)               | : 240 - 270 ( $\lambda_{\text{max1}}$ )<br>: 530 - 570 ( $\lambda_{\text{max2}}$ )       |
| Loss on Drying                      | : $\leq 3.0\%$ (110°C, 1h)                                                               |
| Version                             | : v1.0                                                                                   |

#### Structure

|                   |                                                             |
|-------------------|-------------------------------------------------------------|
| Molecular Weight  | : 698.02                                                    |
| Molecular Formula | : $\text{C}_{21}\text{H}_{14}\text{Br}_4\text{O}_5\text{S}$ |



#### About Bromocresol Green

Tiarylmethane dye. Useful as a pH indicator and in DNA agarose gel electrophoresis. Used to measure serum albumin concentration within blood from mammals. Available in free acid and sodium salt form.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glenthams Product Specification

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