

Product Datasheet

GT4023 - Bromocresol Green

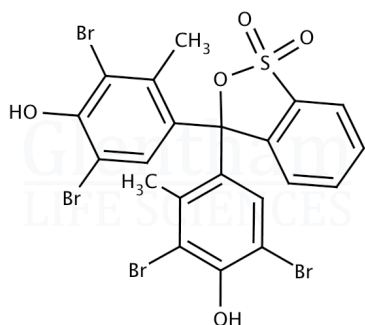
Product Details

Product Name	Bromocresol Green
Glenthams Code	GT4023
CAS Number	76-60-8
EINECS	200-972-8
MDL Number	MFCD00005874
PubChem SID	310268866
Related Categories	Biochemicals, Dyes & Stains, 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	: λ_{max1} (pH 3.8): ~440nm : λ_{max2} (pH 5.4): ~616nm
Absorptivity (1%/1cm)	: 240 - 270 (λ_{max1}) : 530 - 570 (λ_{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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