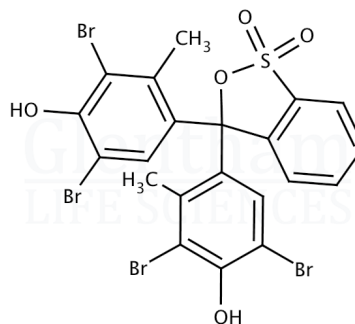


## Certificate of Analysis

Product Name Bromocresol Green  
Glentham Code GT4023  
CAS Number 76-60-8  
EINECS 200-972-8  
MDL Number MFCD00005874  
PubChem SID 310268866  
Batch Number 621JOU

Molecular Weight 698.02  
Molecular Formula  $C_{21}H_{14}Br_4O_5S$   
Storage Temp. +20°C



Property	Specification	Batch 621JOU
Physical Description	Pale yellow to tan or light-brown powder	Tan powder
Solubility (0.1% in ethanol)	Clear solution	Conforms
pH Transition Range	3.8 - 5.4 (green-yellow to blue)	Conforms
Wavelength(s) of Maximum Absorption	$\lambda_{max1}$ (pH 3.8): ~440nm	442nm
	$\lambda_{max2}$ (pH 5.4): ~616nm	616nm
Absorptivity (1%/1cm)	240 - 270 ( $\lambda_{max1}$ )	262
	530 - 570 ( $\lambda_{max2}$ )	554
Loss on Drying	$\leq 3.0\%$ (110°C, 1h)	1.8%

Specification Version v1.0  
Manufacture Date 2023-05-01  
Re-Test Date 2034-02-05

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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