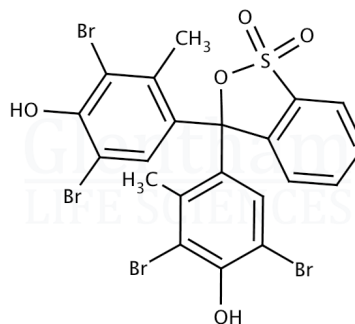


Certificate of Analysis

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	λ_{max1} (pH 3.8): ~440nm	442nm
	λ_{max2} (pH 5.4): ~616nm	616nm
Absorptivity (1%/1cm)	240 - 270 (λ_{max1})	262
	530 - 570 (λ_{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 or contact us using the details above for the current version of this document.

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