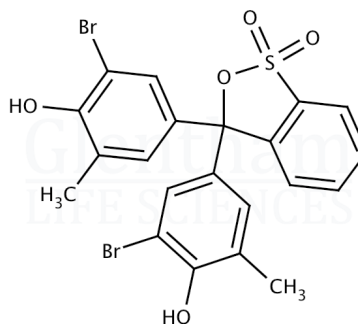


Certificate of Analysis

Product Name Bromocresol Purple
Glentham Code GT6323
CAS Number 115-40-2
EINECS 204-087-8
MDL Number MFCD00011681
PubChem SID 310268868
Batch Number 148SYV

Molecular Weight 540.24
Molecular Formula $C_{21}H_{16}Br_2O_5S$
Storage Temp. +20°C



Property	Specification	Batch 148SYV
Physical Description	Grey to purple, pink or yellow-brown powder	Yellow-brown powder
Transition Range	5.2 - 6.8 (greenish yellow to blue-violet)	Conforms
Solubility	0.1% in ethanol: Clear, yellow solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	λ_{max1} : ~431.0nm	431.2 nm
	λ_{max2} : ~589.0nm	589.0 nm
Absorptivity (1%/1cm)	400 - 450 (pH 5.2 at λ_{max1})	439
	1000 - 1100 (pH 6.8 at λ_{max2})	1074
Loss on Drying	$\leq 3.0\%$ (105°C, 1h)	0.72%

Specification Version v1.0
Manufacture Date 2021-10-04
Re-Test Date 2032-03-08

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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