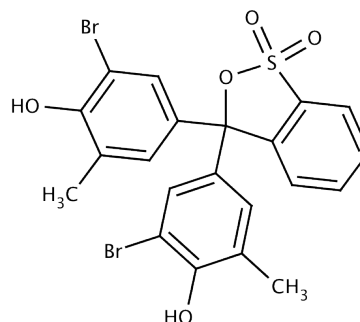


## Product Specification

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

Molecular Weight : 540.24  
Molecular Formula : C<sub>21</sub>H<sub>16</sub>Br<sub>2</sub>O<sub>5</sub>S  
Storage Temp. : +20°C



Property	Specification
Physical Description	Grey to purple, pink or yellow-brown powder
Transition Range	5.2 - 6.8 (greenish yellow to blue-violet)
Solubility	0.1% in ethanol: Clear, yellow solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	$\lambda_{max1}$ : ~431.0nm $\lambda_{max2}$ : ~589.0nm
Absorptivity (1%/1cm)	400 - 450 (pH 5.2 at $\lambda_{max1}$ ) 1000 - 1100 (pH 6.8 at $\lambda_{max2}$ )
Loss on Drying	≤ 3.0% (105°C, 1h)
Specification Version	: v1.0
Date Created	: 2014-02-13

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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