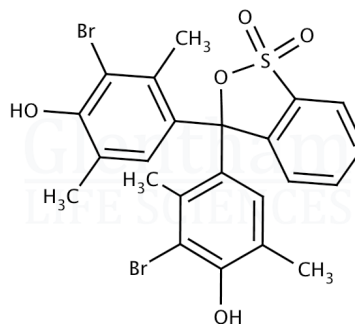


## Certificate of Analysis

Product Name	Bromoxyleneol Blue
Glentham Code	GT8506
CAS Number	40070-59-5
EINECS	254-780-4
MDL Number	MFCD00005873
PubChem SID	310269029
Batch Number	384ACS

Molecular Weight	568.27
Molecular Formula	$C_{23}H_{20}Br_2O_5S$
Storage Temp.	+20°C



Property	Specification	Batch 384ACS
Physical Description	Beige, brown, yellow-orange or purple powder	Pale purple powder
Solubility (0.1% in ethanol)	Clear, orange or red to dark orange or dark red solution	Clear, dark orange solution
pH Transition Range	5.7 - 7.4 (yellow to blue)	Conforms
Wavelength(s) of Maximum Absorption	$\lambda_{max1}$ : ~435nm, $\lambda_{max2}$ : ~614nm	$\lambda_{max1}$ : 435.2 nm, $\lambda_{max2}$ : 614.6 nm
Absorptivity (1%/1cm)	$\geq 300$ ( $\lambda_{max1}$ , pH 5.7)	327
Absorptivity (1%/1cm)	$\geq 500$ ( $\lambda_{max2}$ , pH 7.4)	553
Loss on Drying	$\leq 5.0\%$ (110°C)	1.61%

Specification Version	v1.0
Manufacture Date	2018-07-09
Re-Test Date	2030-08-11

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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