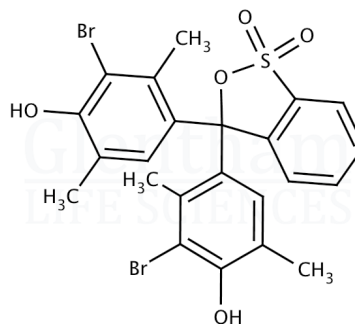


Certificate of Analysis

Product Name Bromoxylenol 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	λ_{max1} : ~435nm, λ_{max2} : ~614nm	λ_{max1} : 435.2 nm, λ_{max1} : 614.6 nm
Absorptivity (1%/1cm)	≥ 300 (λ_{max1} , pH 5.7)	327
Absorptivity (1%/1cm)	≥ 500 (λ_{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 or contact us using the details above for the current version of this document.

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