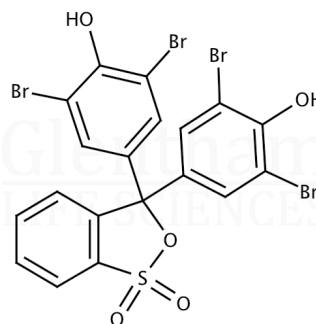


Certificate of Analysis

Product Name	Bromophenol Blue
Glentham Code	GT2874
CAS Number	115-39-9
EINECS	204-086-2
MDL Number	MFCD00005875
PubChem SID	310268950
Batch Number	425NPU
Molecular Weight	669.98
Molecular Formula	$C_{19}H_{10}Br_4O_5S$
Storage Temp.	+20°C



Property	Specification	Batch 425NPU
Physical Description	Dark beige to dark orange powder	Orange powder
pH Transition Range	3.1 - 4.6 (greenish yellow to blue-violet)	Conforms
Solubility	0.1% in 95% ethanol: Clear solution	Conforms
Wavelength of Maximum Absorption	434 - 439 nm (pH 3.1)	438nm
	590 - 593 nm (pH 4.6)	591nm
Absorptivity (E1%, 1cm cell)	350 - 385 (pH 3.1, Lambda 1 max)	377
	940 - 1000 (pH 4.6, Lambda 2 max)	980
Loss on Drying	≤ 1.0%	0.75%

Specification Version	v1.0
Manufacture Date	2021-10-01
Re-Test Date	2032-01-13

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 or contact us using the details above for the current version of this document.

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