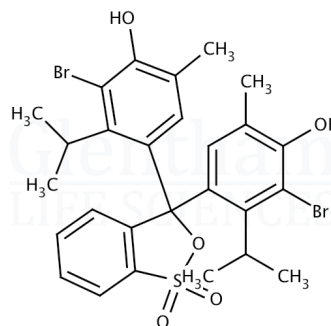


## Product Specification

Product Name	Bromothymol Blue
Glentham Code	GT6837
CAS Number	76-59-5
EINECS	200-971-2
MDL Number	MFCD00005872
PubChem SID	310269016
Molecular Weight	624.39
Molecular Formula	$C_{27}H_{28}Br_2O_5S$
Storage Temp.	+20°C



Property	Specification
Physical Description	Beige to light pink, light brown, red or green powder
pH Transition Range	pH 5.8 (Yellow) to pH 7.6 (Blue)
Solubility (0.1% in ethanol)	Clear solution
Wavelength of Maximum Absorption	$\lambda_{1max}$ : 430 - 435 nm (pH 5.8) $\lambda_{2max}$ : 615 - 618 nm (pH 7.6)
Absorptivity (E1%, 1cm cell)	260 - 300 ( $\lambda_{1max}$ , pH 5.8) 470 - 520 ( $\lambda_{2max}$ , pH 7.6)
Loss on Drying	$\leq$ 3.0% (110°C)
Dye Content (Spectrophotometry)	$\geq$ 95.0%

Specification Version	-	v1.0
Date Created	-	2015-02-11

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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