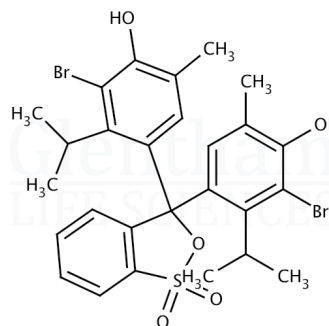


Product Specification

Product Name	Bromothymol Blue
Glentham Code	GT6837
CAS Number	76-59-5
EINECS	200-971-2
MDL-Nummer	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	λ_{1max} : 430 - 435 nm (pH 5.8) λ_{2max} : 615 - 618 nm (pH 7.6)
Absorptivity (E1%, 1cm cell)	260 - 300 (λ_{1max} , pH 5.8) 470 - 520 (λ_{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 or contact us using the details above for the current version of this document.

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