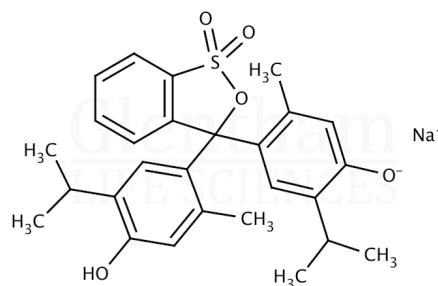


## Product Specification

Product Name	Thymol blue sodium salt
Glentham Code	GT4225
CAS Number	62625-21-2
EINECS	263-650-6
MDL Number	MFCD00151093
PubChem SID	310280972
Molecular Weight	488.58
Molecular Formula	$C_{27}H_{29}NaO_5S$
Storage Temp.	+20°C



Property	Specification
Physical Description	Red-brown to dark brown or yellow powder
Solubility (0.1% in water)	Clear solution
Wavelength of Maximum Absorption ( $\lambda_{max1}$ )	430.0 - 436.0 nm (pH 7.8)
Wavelength of Maximum Absorption ( $\lambda_{max2}$ )	593.0 - 599.0 nm (pH 9.5)
Absorptivity (1%/1cm)	$\geq 190$ (dried basis, $\lambda_{max1}$ )
Absorptivity (1%/1cm)	$\geq 425$ (dried basis, $\lambda_{max2}$ )
Loss on Drying	$\leq 10.0\%$ (110°C)
Dye Content (Spectrophotometry)	$\geq 90.0\%$

Specification Version	-	v1.0
Date Created	-	2019-06-06

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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