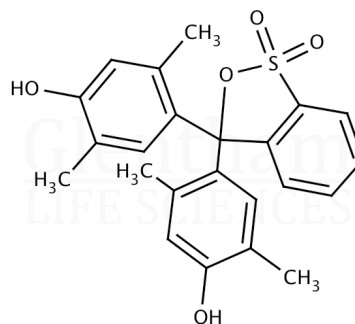


## Product Specification

Product Name	Xylenol Blue
Glentham Code	GT7988
CAS Number	125-31-5
EINECS	204-736-5
MDL Number	MFCD00005870
PubChem SID	310281777
Molecular Weight	410.49
Molecular Formula	$C_{23}H_{22}O_5S$
Storage Temp.	+20°C



Property	Specification
Physical Description	Red-brown to dark brown powder
pH Transition Range(s)	1.2 - 2.8 (red to yellow) 7.5 - 9.6 (yellow to blue)
Solubility (0.1% in methanol)	Clear solution
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	419.0 - 429.0 nm (in methanol)
Absorptivity (1%/1cm)	$\geq 200$ (at $\lambda_{max}$ )
Extinction Coefficient	$\geq 8000$ (at $\lambda_{max}$ )
Loss on Drying	$\leq 5.0\%$ (110°C, 1h)
Specification Version	- v1.1
Date Created	- 2018-01-02

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025