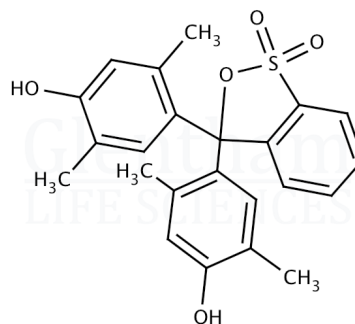


## Product Specification

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 <sub>23</sub> H <sub>22</sub> O <sub>5</sub> S
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 (λ <sub>max</sub> )	419.0 - 429.0 nm (in methanol)
Absorptivity (1%/1cm)	≥ 200 (at λ <sub>max</sub> )
Extinction Coefficient	≥ 8000 (at λ <sub>max</sub> )
Loss on Drying	≤ 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.

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