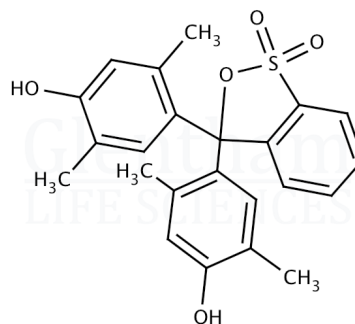


Certificate of Analysis

Product Name Xylenol Blue
Glentham Code GT7988
CAS Number 125-31-5
EINECS 204-736-5
MDL Number MFCD00005870
PubChem SID 310281777
Batch Number 156MKU

Molecular Weight 410.49
Molecular Formula $C_{23}H_{22}O_5S$
Storage Temp. +20°C



Property	Specification	Batch 156MKU
Physical Description	Red-brown to dark brown powder	Dark brown powder
pH Transition Range(s)	1.2 - 2.8 (red to yellow)	Conforms
	7.5 - 9.6 (yellow to blue)	Conforms
Solubility (0.1% in methanol)	Clear solution	Conforms
Wavelength of Maximum Absorption (λ_{max})	419.0 - 429.0 nm (in methanol)	425.9nm
Absorptivity (1%/1cm)	≥ 200 (at λ_{max})	333
Extinction Coefficient	≥ 8000 (at λ_{max})	13668
Loss on Drying	$\leq 5.0\%$ (110°C, 1h)	1.48%

Specification Version v1.1
Manufacture Date 2021-10-01
Re-Test Date 2031-09-06

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 or contact us using the details above for the current version of this document.

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