

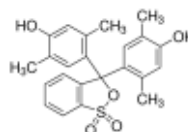
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaldrich.com](http://www.sigmaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:  
Xylenol Blue - indicator grade, Dye content 90 %

**Product Number:** 205486  
**CAS Number:** 125-31-5  
**MDL:** MFCD00005870  
**Formula:** C<sub>23</sub>H<sub>22</sub>O<sub>5</sub>S  
**Formula Weight:** 410.48 g/mol



TEST	Specification
Appearance (Color)	Brown to Very Dark Brown
Appearance (Form)	Powder
Infrared spectrum	Conforms to Structure
Wavelength	419 - 429 nm
c = 0.01g/L; Methanol	
Extinction Coefficient	≥ 8000
Visual Interval	Pass
pH 1.2 Red or Pink	
Visual Interval	Pass
pH 2.8 Yellow	
Visual Interval	Pass
pH 8.0 Yellow to Yellow-Green	
Visual Interval	Pass
pH 9.6 Blue	

Specification: PRD.0.ZQ5.10000078628

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.