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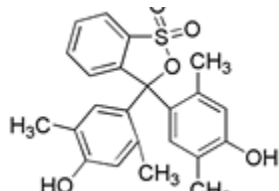
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 22823

Product **Xylenol Blue**

1,4-Dimethyl-5-hydroxybenzenesulfonphthalein

p-Xylenolsulfonephthalein

CAS Number 125-31-5

Molecular Formula C₂₃H₂₂O₅S

Molecular Weight 410.49

Appearance Dark-brown to dark purple powder

Solubility Clear solution (0.1% in Methanol)

Melting Point 212-214 °C (dec.)

Visual Transition Range Acid: pH 1.2 (red) to pH 2.8 (yellow);
Alkaline: pH 8.0 (yellow) to pH 9.8 (violet)

Loss on Drying ≤ 2% (110 °C/1 h)

Dye content ≥ 90%

Grade Indicator Grade

Storage Store at RT

Additional Information UV absorption (1% in Methanol) at 426.2 nm: ≥ 325
Extinction coefficient at 426.2 nm: ≥ 8000

For Laboratory Use Only