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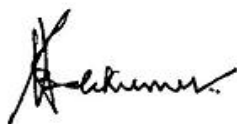
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	22823
Lot Number	002126-07-35-2
Product	Xylenol Blue 1,4-Dimethyl-5-hydroxybenzenesulfonphthalein <i>p</i> -Xylenolsulfonephthalein
CAS Number	125-31-5
Molecular Formula	C ₂₃ H ₂₂ O ₅ S
Molecular Weight	410.49

Appearance	Dark reddish brown powder
Solubility	Clear solution (0.1% in Methanol)
Melting Point	212 °C
Visual Transition Range	Acid: pH 1.2 (red) to pH 2.8 (yellow); Alkaline: pH 7.5 (yellow) to pH 9.6 (blue)
Loss on Drying	1.35% (110 °C/1 h)
Dye content	95.8% (by spectrophotometry)
Grade	Indicator Grade
Storage	Store at RT
Additional Information	UV absorption (1% in Methanol) at 426.2 nm: 346 Extinction coefficient at 426.2 nm: 14202
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager