

Certificate of Analysis

Date of Testing: 2023-07-11 17:49:59

Date of Next Testing: 2025-06-30 17:49:59

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

Specifications & Purity: Indicator

Lot #: G2306200

SKU #: **X111168****Analysis: 250823**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-1 (%)	0.00%
UV-Vis spectrometry E(419 -429nm,0.01g/L in MEtOH)	≥8000	10000.00
Dye Content	90-100 (%)	98.81%
Appearance (X111168)	brown powder	brown powder
PH Transition interval,(red)1.2 to 2.8(yellow)	Conforms	Conforms
PH Transition interval,8.0(Yellow) - 9.8(Purple)	Conforms	Conforms
Solubility in EtOH , clear,50mg/ml	pass	Pass

John Su
QA & QC Manager