

## Certificate of Analysis

Date of Testing: 2023-06-16 13:13:24

Date of Next Testing: 2025-06-05 13:13:24

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

Specifications &amp; Purity: Indicator

Lot #: I2124215

SKU # **X111168****Analysis: 242076**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-1 (%)	0.50%
UV-Vis spectrometry E(419 -429nm,0.01g/L in MEtOH)	≥8000	8121.00
Dye Content	90-100 (%)	95.20%
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