

## Certificate of Analysis

Date of Testing: 2024-05-14 14:59:31  
Date of Next Testing: 2026-05-04 14:59:31  
Product Name: **Xylenol Blue**  
CAS Number: 125-31-5  
Specifications & Purity: indicator  
Lot #: I2426099  
SKU #: **X111168**  
Version: **0**  
Analysis #: **357777**

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-1 (%)	0.52 %
UV-Vis spectrometry E(419 -429nm,0.01g/L in MEtOH)	≥8000	8230.00
Dye Content	90-100 (%)	96.59 %
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