

Certificate of Analysis

Date of Testing: 2024-05-15 08:36:48

Date of Next Testing: 2026-05-05 08:36:48

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

Specifications & Purity: Indicator

Lot #: D2429475

SKU #: **X111168**

Analysis: **358228**

| Parameter | Limit Values | Result |
|--|--------------|--------------|
| Ignition Residue (as sulfate) | 0-1 (%) | 0.13% |
| UV-Vis spectrometry E(419 -429nm,0.01g/L in MEtOH) | ≥8000 | 8200.00 |
| Dye Content | 90-100 (%) | 96.96% |
| 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