

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-05 18:07:22

Date of Next Testing: 2024-12-25 18:07:22

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

Specifications & Purity: $\geq 95\%$ (HPLC)

Lot #: A2304715

SKU #: **X111167**

Version **0**

Analysis #: **157424**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Absorbance(10 mg/L, pH 7.0, 433.0-437.0 nm)	> 0.37	0.52300
Purity(HPLC)	95-100 (%)	99.55300 %
Ignition Residue (as sulfate)	0-0.5 (%)	0.00000 %
Appearance (X111167)	brown powder	brown powder
PH Transition interval,(red)1.2 to 2.8(yellow)	Conforms	Conforms
Visual Interval,(yellow)8.0 to 9.6(purplish blue)	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH(50vol%)	almost transparency	almost transparency



John Su
QA & QC Manager