

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-11 17:47:08

Date of Next Testing: 2025-06-30 17:47:08

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

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

Lot #: G2306199

SKU #: **X111167**

Version: **0**

Analysis #: **235279**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.5 (%)	0.00000 %
Absorbance(10 mg/L, pH 7.0, 433.0-437.0 nm)	>0.37	0.41000
Purity(HPLC)	95-100 (%)	98.80500 %
Appearance (X111167)	brown powder	brown powder
PH Transition interval,(red)1.2 to 2.8(yellow)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Visual Interval,(yellow)8.0 to 9.6(purplish blue)	Pass	Pass
Solubility in EtOH(50vol%)	almost transparency	almost transparency



John Su
QA & QC Manager