

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-03 17:05:44

Date of Next Testing: 2025-07-23 17:05:44

Product Name: **Xylenol Blue**

CAS Number: 125-31-5

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

Lot #: D1810237

SKU #: **X111167**

Version: **0**

Analysis #: **259377**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.5 (%)	0.45000 %
Absorbance(10 mg/L, pH 7.0, 433.0-437.0 nm)	>0.37	0.37200
Purity(HPLC)	95-100 (%)	96.85000 %
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
Solubility in EtOH(50vol%)	almost transparency	almost transparency
Visual Interval,(yellow)8.0 to 9.6(purplish blue)	Pass	Pass



John Su
QA & QC Manager