

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Xylenol Blue,Indicator

ITEM NUMBER: X111168
BRAND: Aladdin
CAS NUMBER: 125-31-5
MDL NUMBER: MFCD00005870
FORMULA: C₂₃H₂₂O₅S
MOLECULAR WEIGHT: 410.48

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	brown powder		
Dye content	90 %	100 %	100 %
Ignition residue (as sulfate)	0 %	0 %	>=1 %
pH range	8.0(Yellow) - 9.8(Purple)		
Solubility in ethanol	pass		
Transition interval(pH)	(red)1.2 to 2.8(yellow)		
UV-Visible Spectrum E(419 -429 nm,0.01g/L in Methanol)			>=8000