

## Certificate of Analysis

Date of Testing: 2022-12-28 15:17:00

Date of Next Testing: 2024-12-17 15:17:00

Product Name: **Thymolblue**

CAS Number: 76-61-9

Specifications & Purity: indicator

Lot #: L2214316

SKU #: **T100159**

**Analysis: 155100**

Parameter	Limit Values	Result
Absorbance(10mg/L, pH 7.6, 431.0 to 437.0 nm)	$\geq 0.27$	0.27
Appearance (T100159)	Yellow to Green Powder	Yellow to Green Powder
PH Transition interval,(red)1.2 to 2.8(yellow)	Conforms	Conforms
Solubility in EtOH(50vol%)	almost transparency	almost transparency
Solubility in NaOH solution	almost transparency	almost transparency
Visual Interval,(yellow)8.0 to 9.6(purplish blue)	Pass	Pass



John Su  
QA & QC Manager