

Certificate of Analysis

Date of Testing: 2022-12-28 15:17:58

Date of Next Testing: 2024-12-17 15:17:58

Product Name: **Thymolblue**

CAS Number: 76-61-9

Specifications & Purity: indicator

Lot #: L2214314

SKU #: **T100159**

Analysis: 155100

Parameter	Limit Values	Result
Absorbance(10mg/L, pH 7.6, 431.0 to 437.0 nm)	≥ 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