

Certificate of Analysis

Date of Testing: 2024-03-09 17:08:26

Date of Next Testing: 2026-02-27 17:08:26

Product Name: **Thymolblue**

CAS Number: 76-61-9

Specifications & Purity: indicator

Lot #: C2401521

SKU #: **T100159**

Analysis: 315204

Parameter	Limit Values	Result
Absorbance(10mg/L, pH 7.6, 431.0 to 437.0 nm)	≥0.27	0.32
Appearance (T100159)	Yellow to Brown to Dark green powder to crystalline	Light yellow to Brown to Dark green powder to crystalline
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