

Certificate of Analysis

Date of Testing: 2024-03-09 16:56:37
Date of Next Testing: 2026-02-27 16:56:37
Product Name: **Thymolblue**
CAS Number: 76-61-9
Specifications & Purity: indicator
Lot #: C2401519
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