

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-09 17:07:51

Date of Next Testing: 2026-02-27 17:07:51

Product Name: **Thymolblue**

CAS Number: 76-61-9

Specifications &amp; Purity: indicator

Lot #: C2401520

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