

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-02-14 09:08:17

Date of Next Testing: 2027-02-04 09:08:17

Product Name: **Thymolblue**

CAS Number: 76-61-9

Specifications & Purity: ACS

Lot #: E2304442

SKU #: **T100160**

Version: **0**

Analysis #: **471765**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Extinction Coefficient 2(c = 0.01g/l,0.1N NaOH Pass)	≥8000	8000.00000
Extinction Coefficient 3(c = 0.01g/l,0.1N NaOH Pass)	≥12000	12000.00000
Wavelength 2	378-382 (nm)	378.00000 nm
Extinction Coefficient 1(c = 0.01g/l,0.1N NaOH Pass)	≥30000	30000.00000
Wavelength 1	595-599 (nm)	595.00000 nm
Wavelength 3	298-302 (nm)	298.00000 nm
Appearance (T100160)	Powder	Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval,pH 1.2(Pink)	Conforms	Conforms
PH Transition interval,pH 2.2(Orange)	Conforms	Conforms
PH Transition interval,pH 2.8(Yellow)	Conforms	Conforms
PH Transition interval,pH 8.0(Yellow)	Conforms	Conforms
PH Transition interval,pH 8.4(Green)	Conforms	Conforms
PH Transition interval,pH 9.2(Blue)	Conforms	Conforms
Solubility in EtOH(50vol%)	almost transparency	almost transparency
Solubility in NaOH solution	almost transparency	almost transparency



QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager