

## 1668 – THYMOL BLUE

REF NO: TBL/QA/SS/LC/1668	STANDARD SPECIFICATION FOR THYMOL BLUE	Rev. No: 03
Issue No: 04		Review Date: 10/03/2025
Issue Date: 11/03/2022		Product code: 1668

### PRODUCT PROPERTIES

C.A.S Number	76-61-9
Chemical Formula	C <sub>27</sub> H <sub>30</sub> O <sub>5</sub> S
Formula weight	466.59
Functional Uses	Thymol blue is used as a pH indicator. It transitions from red to yellow at pH 1.2–2.8 and from yellow to blue at pH 8.0–9.6.
Standard Packaging	5 gm, 25 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Brownish-green powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH range	1.2 to 2.8 (Violet Red to Brownish Yellow)
pH range	7.8 to 9.5 (Greenish Yellow to Blue)

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

