

## SPECIFICATION

**Product Code: 19510**



**Product Name: THYMOL BLUE INDICATOR AR**

$C_{27}H_{30}O_5S$

M.W. 466.60

Transition interval from pH 1.2 – 2.8                      pinkish red to yellow

Transition interval from pH 8.0 – 9.6                      greenish yellow to blue

Specific Absorptivity A 1%/1cm

$\lambda_{max}$  at about

543 to 547 nm in pH buffer 1.2                      360 - 500

431 to 436 nm in pH buffer 2.8                      200 - 300

431 to 436 nm in pH buffer 7.8                      200 - 300

594 to 598 nm in pH buffer 9.5                      450 - 550

Loss on drying at 105° C                      max 3%

**CAS No. : 76-61-9**

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