

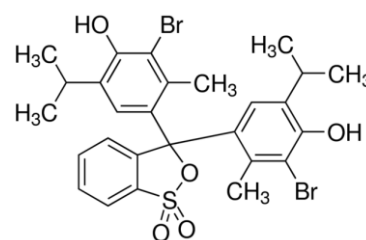


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Product Specification

BROMO THYMOL BLUE (PH INDICATOR) AR

CAT. NO. : STA055
GRADE : AR
CAS NO. : 76-59-5
FORMULA : $C_{27}H_{28}Br_2O_5S$
M.W. : 624.40



pH transition range

5.8-7.6
 Yellow to blue

Absorption maximum

λ_1 (pH 5.8)

430-435 nm

λ_2 (pH 7.6)

615-618 nm

Absorptivity

260 - 300

(A1% / 1 cm at λ_1 ; (pH 5.8)
 on dried substance)

Absorptivity

470-520

(A1% / 1 cm at λ_2 ; (pH 7.6)
 on dried substance)

Loss on drying (110° C)

max.3.0%

Sensitivity

Passes test

DATE: 01.07.2025

Remarks: The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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