



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No : 76- 59- 5
Mol. Formula : $C_{27}H_{28}Br_2O_5S$
Mol. WT : 624.40
Date of analysis : 07/12/20

Product code : 31380
Batch No : MCR-22476
Mfd. : Dec. 2020
Exp. : Nov. 2025

S. R	Test	Specification	Observation
1	Description	Purple or buff coloured or cream coloured powder or brownish pink or black brown or mauve coloured powder or maroon coloured powder with purple tinge.	Buff coloured powder with purple tinge.
2	Transition interval from pH 5.8 – 7.6	yellow to blue	yellow to blue
3	Specific Absorptivity A 1% / 1 cm λ_{max} at about 430 - 435 nm in pH buffer 5.8	224 - 300	280
4	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	510

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**HEAD-QUALITY ASSUARANCE
(G.G.Salian)**

Note: Computer generated image requires no sign.

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