

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No : 76-59-5
Mol. Formula : C₂₇H₂₈Br₂O₅S
Mol. WT : 624.40
Date of analysis : 30/01/24

Product code : 31380
Batch No : MCR-30306
Mfd. : Jan. 2024
Exp. : Dec. 2028

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.	Mauve coloured Powder.
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	260.93
4	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	452.78

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Deepa)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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