



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No	: 76- 59- 5	Product code	: 31380
Mol. Formula	: C₂₇H₂₈Br₂O₅S	Batch No	: MCR-28590
Mol. WT	: 624.40	Mfd.	: June 2023
Date of analysis	: 22/06/23	Exp.	: May 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	280.08
4	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	495.06

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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