CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No	**: 76- 59- 5**	**Product code**	**: 31380**
Mol. Formula	**: $C_{27}H_{28}Br_2O_5S$**	**Batch No**	**: MCR-18906-02**
Mol. WT	**: 624.40**	**Mfd.**	**: Nov. 2022**
Date of analysis	**: 06/11/22**	**Exp.**	**: Oct. 2027**

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.
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	267.74
4	**Specific Absorptivity A 1% / 1 cm λ max at about 615 - 618 nm in pH buffer 7.6**	396 - 520	399.62

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By] **[QC Incharge]**

CHEMIST
(Jyoti)

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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