

CERTIFICATE OF ANALYSIS

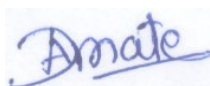
PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No	: 76-59-5	Product code	: 31380
Mol. Formula	: C ₂₇ H ₂₈ Br ₂ O ₅ S	Batch No	: MCR-31401
Mol. WT	: 624.40	Mfd.	: July 2024
Date of analysis	: 03/07/24	Exp.	: June 2029

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	272.82
4	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	480.16

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Deepa)**

[QC Incharge]



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

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