



CERTIFICATE OF ANALYSIS

Date: 07/02/18

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No : 76- 59- 5
Mol. Formula : $C_{27}H_{28}Br_2O_5S$
Mol. WT : 624.40
Exp. : Jan. 2023

Product code : 31380
Batch No : MCR-15446
Mfd. : Feb. 2018

S. R	Test	Specification	Observation
1	Transition interval from pH 5.8 – 7.6	yellow to blue	yellow to blue
2	Specific Absorptivity A 1% / 1 cm λ_{max} at about 430 - 435 nm in pH buffer 5.8	224 - 300	265.72
3	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	519.65

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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