

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOTHYMOL BLUE INDICATOR AR

CAS No : 76-59-5
Mol. Formula : C₂₇H₂₈Br₂O₅S
Mol. WT : 624.40
Date of analysis : 28/06/25

Product code : 31380
Batch No : MCR-33965-01
Mfd. : June 2025
Exp. : May 2030

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.	Brownish pink 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	250.0
4	Specific Absorptivity A 1% / 1 cm λ_{max} at about 615 - 618 nm in pH buffer 7.6	396 - 520	405.07

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Shruti)**



[QC Incharge]



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

MOLYCHEM H.Q. : Maker Tower 'E', 41-A2, 4th Floor, Above Maker Arcade, Cuffe Parade, Mumbai 400 005 (INDIA)

Tel. : +91 22 4066 8111 • **Email:** info@molychem.net • **Web:** www.molychem.net

Reg. Office : 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai - 400 002 (INDIA)

Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.