



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No : 115 – 39-9
Mol. Formula : C₁₉H₁₀Br₄O₅S
Mol. WT : 669.99
Date of analysis : 27/12/22

Product code : 31360
Batch No : MCR-27317
Mfd. : Dec. 2022
Exp. : Nov. 2027

S. R	Test	Specification	Observation
1	Description	Pink or pale- orange to brown or beige or red or purple power or crystalline power.	Orange powder.
2	Transition interval from pH 2.8 – 4.6	yellow to violet	yellow to violet
3	Specific Absorptivity 1% / 1 cm λ_{max} at about 434 - 439 nm in buffer pH 3.0	330 - 380	334.66
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	1000
5	Loss on drying at 105°C	1% max	0.89%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Sonu)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

MOLYCHEM Office: 78/80 Babu Genu Road, Souri Bldg., 2nd Floor, Mumbai – 400 002 (INDIA)
Tel: +91 22 4066 8111, 2205 7772 . Fax: + 91 22 2203 4442. Email : info@molychem.net
**Works: Plot No. B/9, Badlapur M.I.D.C.,OPP.Shobhavat Textile Co.,
Kulgaon, Badlapur (E), Dist.-Thane-421 503**