



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No	: 115-39-9	Product code	: 31360
Mol. Formula	: C₁₉H₁₀Br₄O₅S	Batch No	: MCR-28622
Mol. WT	: 669.99	Mfd.	: June 2023
Date of analysis	: 27/06/23	Exp.	: May 2028

S.R	Test	Specification	Observation
1	Description	Pink or pale orange to brown or beige or red or purple power or crystalline power.	Pale 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	362.54
4	Specific Absorptivity 1% / 1 cm λ _{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	996.01
5	Loss on drying at 105 ⁰ C	1% max	0.04%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priyanka)**

**HEAD-QUALITY ASSURANCE
(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**