



CERTIFICATE OF ANALYSIS

Date: 23/01/18

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No : 115 – 39-9
Mol. Formula : $C_{19}H_{10}Br_4O_5S$
Mol. WT : 669.99
Exp. : Dec. 2022

Product code : 31360
Batch No : MCR-15307
Mfd. : Jan. 2018

S. R	Test	Specification	Observation
1	Transition interval from pH 2.8 – 4.6	yellow to violet	yellow to violet
2	Specific Absorptivity 1% / 1 cm λ_{max} at about 434 - 439 nm in buffer pH 3.0	330 - 380	359.84
3	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	820.08
4	Loss on drying at 105 ⁰ C	1% max	0.73%

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.

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