

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No	: 115-39-9	Product code	: 31360
Mol. Formula	: C ₁₉ H ₁₀ Br ₄ O ₅ S	Batch No	: MCR-30865
Mol. WT	: 669.99	Mfd.	: April 2024
Date of analysis	: 26/04/24	Exp.	: March 2029

S.R	Test	Specification	Observation
1	Description	Pink or pale orange to brown or beige or red or purple power or crystalline power.	Beige power.
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	335.89
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	904.51
5	Loss on drying at 105^oC	1% max	0.11%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Ruchi)**

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

Note: Computer generated image requires no sign.

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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.