



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

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|-------------------------|---|---------------------|-----------------------|
| CAS No | : 115-39-9 | Product code | : 31360 |
| Mol. Formula | : C₁₉H₁₀Br₄O₅S | Batch No | : MCR-27317-01 |
| Mol. WT | : 669.99 | Mfd. | : Feb. 2024 |
| Date of analysis | : 23/02/24 | Exp. | : Jan. 2029 |

| S. R | Test | Specification | Observation |
|------|--|---|------------------|
| 1 | Description | Pink or pale- orange to brown or beige or red or purple powder or crystalline powder. | 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 | 334.68 |
| 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 ⁰ C | 1% max | 0.92% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

**CHEMIST
(Priti)**

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

Note: Computer generated image requires no sign.

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