



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No	: 115 – 39-9	Product code	: 31360
Mol. Formula	: C₁₉H₁₀Br₄O₅S	Batch No	: MCR-17870-02
Mol. WT	: 669.99	Mfd.	: Nov. 2022
Date of analysis	: 01/11/22	Exp.	: Oct. 2027

S. R	Test	Specification	Observation
1	Description	Pink to pale orange or pink orange or red to purple powder or crystalline powder.	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	348.76
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	993.14
5	Loss on drying at 105 ⁰ C	1% max	0.18%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Jyoti)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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