



CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No : 115 – 39-9 **Product code** : 31360
Mol. Formula : C₁₉H₁₀Br₄O₅S **Batch No** : MCR-25749
Mol. WT : 669.99 **Mfd.** : May 2022
Date of analysis : 28/05/22 **Exp.** : April 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	346.76
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	993.12
5	Loss on drying at 105 ⁰ C	1% max	0.18%

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.

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