

CERTIFICATE OF ANALYSIS

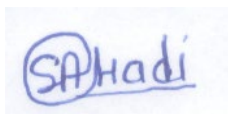
PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No	: 115-39-9	Product code	: 31360
Mol. Formula	: C ₁₉ H ₁₀ Br ₄ O ₅ S	Batch No	: MCR-29934-01
Mol. WT	: 669.99	Mfd.	: Jan. 2025
Date of analysis	: 14/01/25	Exp.	: Dec. 2029

S.R	Test	Specification	Observation
1	Description	Pink or pale orange to brown or beige or red or purple power or crystalline power.	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	366.35
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	818.80
5	Loss on drying at 105°C	1% max	0.88%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



**CHEMIST
(Sonu)**



[QC Incharge]



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

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