

CERTIFICATE OF ANALYSIS

PRODUCT NAME : BROMOCRESOL GREEN INDICATOR AR

CAS No	: 76-60-8	Product code	: 31340
Mol. Formula	: C ₂₁ H ₁₄ Br ₄ O ₅ S	Batch No	: MCR-34059
Mol. WT	: 698.04	Mfd.	: May 2025
Date of analysis	: 22/05/25	Exp.	: April 2030

S.R	Test	Specification	Observation
1	Description	Buff or Beige to brown powder or yellow to tan colour powder.	Beige colour powder.
2	Specific Absorptivity A 1% / 1 cm λ_{max} at 438-443 nm in pH buffer 3.8	220 - 270	267.33
3	Specific Absorptivity A 1% / 1 cm λ_{max} at 615-618 nm in pH buffer 5.4	440 - 570	521.29
4	Transition interval from pH 3.6 – 5.4	Yellow to blue	Yellow to blue

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]



CHEMIST
(Pratiksha. S)



[QC Incharge]



HEAD-QUALITY ASSURANCE
(G.G.Salian)

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