



CERTIFICATE OF ANALYSIS

Date: 28/01/18

PRODUCT NAME : BROMOPHENOL BLUE INDICATOR AR

CAS No	: 115-39-9	Product code	: 31360
Mol. Formula	: $C_{19}H_{10}Br_4O_5S$	Batch No	: MCR-8899-02
Mol. WT	: 669.99	Mfd.	: Jan. 2018
Exp.	: Dec. 2022		

S. R	Test	Specification	Observation
1	Transition interval from pH 2.8 – 4.6	Yellow to violet	Yellow to violet
2	Specific Absorptivity 1% / 1 cm λ_{max} at about 434 - 439 nm in buffer pH 3.0	330 - 380	346
3	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	864
4	Loss on drying (at 105°C)	1% max	0.4%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[Q.C Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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