



CERTIFICATE OF ANALYSIS

PRODUCT NAME : Bromophenol Blue Indicator GR

CAS No : 115-39-9
Mol. Formula : $C_{19}H_{10}Br_4O_5S$
Mol. WT : 669.99

Product code : 31360
Batch No : MCR-5177

S. R	Test	Specification	Observation
2	Transition interval from pH 2.8 – 4.6	Yellow to violet	Yellow to violet
3	Loss on drying (at 105 ⁰ C)	1% max	0.17%
4	Specific Absorptivity 1% / 1 cm λ_{max} at about 434 - 439 nm in buffer pH 3.0	330 - 380	366.80
5	Specific Absorptivity 1% / 1 cm λ_{max} at about 590 - 593 nm in buffer pH 4.6	776 – 1000	776

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.