



CERTIFICATE OF ANALYSIS

Date: 07/05/16

PRODUCT NAME : THYMOL BLUE INDICATOR GR

CAS No : 76-61-9
Mol. Formula : $C_{27}H_{30}O_5S$
Mol. WT : 466.60
Exp. : April 2021

Product code : 19510
Batch No : MCR 11649
Mfd. : May 2016

S.R	Test	Specification	Observation
1	Transition interval from pH 1.2 – 2.8	Pinkish red to Yellow	Pinkish red to Yellow
2	Transition interval from pH 8.0 – 9.6	Greenish Yellow to Blue	Greenish Yellow to Blue
3	Specific Absorptivity A 1%/1cm λ_{max} at about 543 to 547 nm in pH buffer 1.2 431 to 436 nm in pH buffer 2.8 431 to 436 nm in pH buffer 7.8 594 to 598 nm in pH buffer 9.5	360 - 500 200 - 300 200 - 300 450 – 550	490 299 297 548
4	Loss on drying at 105 ^o C	3% max	1.7%

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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