

CERTIFICATE OF ANALYSIS

PRODUCT NAME : QUINALDINE RED INDICATOR

CAS No	: 117-92-0	Product code	: 32170
Mol. Formula	: C ₂₁ H ₂₃ IN ₂	Batch No	: MCR- 27539-01
Mol. WT	: 430.32	Mfd.	: April 2024
Date of analysis	: 18/04/24	Exp.	: March 2029

S. R	Test	Specification	Observation
1	Description	Blackish green or dark green colour powder.	Blackish green colour powder.
2	Absorption maxima	528 - 533 nm	529.9nm
3	Absorptivity (A 1% 1 cm, λ _{max} glacial acetic acid, on dried substance)	1150 - 1250	1245
4	Water	5% max	3.12%
5	Suitability as indicator	Passes test	Passes test
6	Transition range from pH 1.4 - 3.2	Colourless to red	Colourless to red

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

**CHEMIST
(Durvas)**

[QC Incharge]

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

Note: Computer generated image requires no sign.

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Works : Unit I - Plot No. B/9, Unit II - Plot No. B/11, Badlapur M.I.D.C., Opp. Shobhavat Textile Co., Kulgaon, Badlapur (E), Dist.-Thane-421 503.