



CERTIFICATE OF ANALYSIS

Date: 28/02/18

PRODUCT NAME : PHENOLPHTHALEIN (INDICATOR)

CAS No : 77- 09- 8
Mol. Formula : $C_{20}H_{14}O_4$
Mol. WT : 318.33
Exp. : Jan. 2023

Product code : 32160
Batch No : MCR-15616
Mfd. : Feb. 2018

S. R	Test	Specification	Observation
1	Melting point	258 – 261 ⁰ C	260.5 ⁰ C
2	Transition interval from pH 8.3 – 10.0	Very light pink to violet red	Very light pink to violet red
3	Specific Absorptivity A 1%/1cm λ_{max} at 551-554 nm in buffer pH 9.8	580 - 752	698.02
4	Loss on Drying at 105 ⁰ C	1% max	0.82%
5	Sulphated Ash	0.05% max	0.03%
6	Chloride (Cl)	0.01% max	< 0.01%
7	Sulphate (SO ₄)	0.01% max	< 0.01%

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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