



CERTIFICATE OF ANALYSIS

PRODUCT NAME : PHENOLPHTHALEIN (INDICATOR)

CAS No : 77- 09- 8
Mol. Formula : C₂₀H₁₄O₄
Mol. WT : 318.33
Date of analysis : 05/04/23

Product code : 32160
Batch No : MCR-28027
Mfd. : April 2023
Exp. : March 2028

| S.R | Test | Specification | Observation |
|-----|---|---|----------------------------------|
| 1 | Description | Almost white or off white or yellowish white coloured powder. | Yellowish white coloured powder. |
| 2 | Melting point | 258 – 261°C | 260.8°C |
| 3 | Transition interval from pH 8.3 – 10.0 | Very light pink to violet red | Very light pink to violet red |
| 4 | Specific Absorptivity A 1%/1cmλ _{max} at 551-554 nm in buffer pH 9.8 | 580 - 752 | 738.09 |
| 5 | Loss on Drying at 105°C | 1% max | 0.64% |
| 6 | Sulphated Ash | 0.05% max | 0.04% |
| 7 | Chloride (Cl) | 0.01% max | < 0.01% |
| 8 | Sulphate (SO ₄) | 0.01% max | < 0.01% |

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

CHEMIST
(Sayali)

HEAD-QUALITY ASSURANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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