



UNISOURCE CHEMICALS PRIVATE LIMITED

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AN ISO 9001:2015 & GMP CERTIFIED COMPANY

Product Information

TECHNICAL DATA SHEET / Specification Sheet

Phenolphthalein White

Synonym	: 3,3-Bis(4-hydroxyphenyl)-1(3H)-isobenzofuranone
Molecular Formula	: C ₂₀ H ₁₄ O ₄
Molecular Weight	: 318.32
CAS No.	: 77-09-8
Colour Index No.	: 764
Shelf Life	: 5 years

Technical Specification

Appearance	: White to light yellow powder
Solubility	: 10 ppm in 0.1M sodium hydroxide yields clear solution
Visual pH Transition	: pH 8.00 (colourless) - pH 10.00 (red)
FTIR	: Matches with the standard pattern
Absorption maxima 1	: 369 - 379 nm (10 PPM in 0.1M NaOH)
Absorption maxima 2	: 547 - 557 nm (10 ppm in 0.1M NaOH)