

TECHNICAL DATA SHEET

Phenolphthalein | CAS 77-09-8

1. Product Identification

Product Name	Phenolphthalein
CAS Number	77-09-8
Synonyms	3,3-bis(4-hydroxyphenyl)-1(3H)-isobenzofuranone, Purgen, CI Acid Red 97 (historical)
Category	Lab Reagent
Available Grades	LR Grade/AR Grade
HSN Code	2932.99

2. Physical & Chemical Properties

Molecular Formula	C ₂₀ H ₁₄ O ₅
Molecular Weight	318.32
Appearance	White to light yellow crystalline powder
Density	1.277 g/cm ³
Boiling Point	N/A
Melting Point	258-263°C
Flash Point	None
Solubility	Soluble in ethanol, insoluble in water

3. Applications

• Acid-base indicator (pH 8.2-10) • Titration indicator • Laxative (historical) • Forensic chemistry • Laboratory

4. Industries Served

Research Laboratories, Chemical, Education

5. Packing & Supply

Standard industrial packing. Bulk and customised packing available on request. Export supply with full documentation (COA, MSDS, COO, Packing List).

Values are typical and given in good faith as a guide to product characteristics; they do not constitute a specification or guarantee. Refer to the batch COA for certified values.