

## 酚酞指示剂 (8.2-10.0)

货号: G2860

规格: 100mL

保存: 室温, 避光保存, 有效期 6 个月。

### 产品介绍:

酚酞(Phenolphthalein)分子量为 318.32, 分子式为  $C_{20}H_{14}O_4$ , CAS 号为 77-09-8, 酚酞几乎不溶于水, 酚酞的变色范围是 8.2~10.0, 所以酚酞只能检验碱而不能检验酸。酚酞指示剂由酚酞、乙醇、去离子水等组成, 在酸性和中性溶液中呈无色, 在碱性溶液中呈紫红色。

### 操作步骤: (仅供参考)

- 1、按实验具体要求操作。
- 2、酚酞变色范围: pH8.2-10.0, 颜色由无色变红色。

## Phenolphthalein Indicator Solution, 8.2-10.0

Cat: G2860

Size: 100mL

Storage: RT, avoid light, valid for 6 months.

### Introduction

The molecular weight of phenolphthalein is 318.32, the molecular formula is  $C_{20}H_{14}O_4$ , and the CAS number is 77-09-8. Phenolphthalein is almost insoluble in water, and the color change pH range of phenolphthalein is 8.2-10.0. Therefore, phenolphthalein can only detect alkali but not acid. Phenolphthalein Indicator Solution, 8.2-10.0 is composed of phenolphthalein, ethanol, deionized water, etc. It is colorless in acid and neutral solution, and purplish red in alkaline solution.

### Protocols (for reference only)

1. Operate according to the experimental requirements.
2. The color change pH range of phenolphthalein is 8.2-10.0. The color changes from colorless to red.