

## 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。

## Phenol Phthalein Indicator Solution

Cat: G2860

Size: 100mL

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

### Introduction

The molecular weight of phenol phthalein is 318.32, the molecular formula is  $C_{20}H_{14}O_4$ , and the CAS number is 77-09-8. Phenol phthalein is almost insoluble in water, and the color change pH range of phenol phthalein is 8.2-10.0. Therefore, phenol phthalein can only detect alkali but not acid. Phenol Phthalein Indicator Solution is composed of phenol phthalein, 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 phenol phthalein is 8.2-10.0. The color changes from colorless to red.