



Phenolphthalein, 0.1% w/v

I009

Principle And Interpretation

Phenolphthalein is an organic compound often used as an pH indicator. It is used in titrations, turns colorless in acidic solutions and pink in basic solutions.

Composition**

Ingredients

Phenolphthalein	0.1 gm
Ethanol	50ml
Distilled water	50ml

Note: Filter if a precipitate forms

**Formula adjusted, standardized to suit performance parameters

Quality Control

Appearance

Colourless solution.

Clarity

Clear without any particles.

Reaction

Pink to deep red colour above pH 8.3 at 25°C.

Storage and Shelf Life

Store at 10-30°C. Use before expiry period on the label.

Reference

1. Chemistry infolab reagents and resources ; The preparation of titration indicators; Dhanal De Lloyd,chem.Dept
2. MacFaddin J. F., 1985, Media for Isolation-Cultivation-Identification-Maintenance of Medical Bacteria, Vol. 1, Williams and Wilkins, Baltimore.
3. Chemistry infolab reagents and resources ; The preparation of titration indicators; Dhanal De Lloyd,chem.Dept



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