

Phenol Water Solution (5%)

Cat #: A-CSH433

Size: 100mL, 500mL

Storage: Room temperature, protected from light (12 months)

Product Description

Phenol, also known as carbolic acid, is the simplest form of phenolic organic compounds. Phenol is corrosive. It has weak acidity and can be used as a preservative, disinfectant, and dye mordant. When used as a dye mordant, it is rarely used alone. Phenol Aqueous Solution (5%) can be used for protein qualitative tests in cerebrospinal fluid. The principle is that albumin in cerebrospinal fluid binds with phenol, forming insoluble protein salts that precipitate, resulting in a white turbidity or sediment, known as the Pandy test.

Usage

1. Follow the specific experimental requirements or refer to the following steps.
2. Take 2-3ml of Phenol Aqueous Solution (5%) in a small test tube and add 1-2 drops of cerebrospinal fluid using a capillary pipette.
3. Observe the results immediately against a dark background.

Notes

1. Phenol is irritating to the human body.
2. For your safety and health, wear laboratory attire and disposable gloves when handling this reagent.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.