Deoxyribonucleic acid sodium salt from Salmon sperm

D1501340

Deoxyribonucleic acid sodium salt is a biochemical reagent commonly used in scientific research and production fields. Its CAS number is 9007-49-2. Sodium deoxyribonucleic acid is mainly used as a reference reagent and is widely used in experimental research in fields such as molecular biology and genetics.

Storage Conditions

Store at -20℃ (2 years). Store in the dark. Desiccated.

Properties

From a technical perspective, sodium deoxyribonucleic acid is the sodium salt form of DNA, which has good water solubility and stability, and is suitable as a standard or control substance in experiments. In application scenarios, it is commonly used in molecular biology experiments such as PCR, gene cloning, sequencing, and can also be used for drug development and production of biotechnology products.

Specification

Items	Specification
1. Appearance	Almost white to pale yellow powder
2. Identification	Should present positive reaction
3. Appearance of solution	The solution is clear.
4. Loss on drying	≤15.0%
5. Assay	> 80%

Usage

In DNA extraction experiments, salt solutions (such as NaCl) neutralize DNA charges, regulate solubility, and promote DNA precipitation for subsequent extraction.

Application

Widely used in the biomedical field for wound repair, skin regeneration, and anti- aging products, the main application scenarios cover drugs, skincare products, and tissue repair materials, involving sub fields such as medical aesthetics, cosmetics, and healthcare.

Attention

1、For your safety and health, please wear a lab coat and disposable gloves;
2、When using, it is necessary to operate under sterile conditions to avoid contamination;
3、It is recommended to use sterile deionized water for dissolution, and adjust the concen-

tration according to experimental requirements.