



**TOPSCIENCE** 众山

# Medical Device Grade PDRN/PN

Polydeoxyribonucleotide  
Polynucleotide

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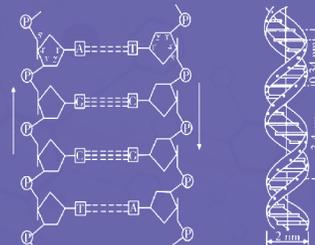
Website: [www.topscience.cn](http://www.topscience.cn)



**PRODUCT NAME: Polydeoxyribonucleotide(PDRN)/Polynucleotide(PN)**

**INCI NAME: DNA Sodium**

**RECOMMENDED DOSAGE: 0.1%~2%**



## PRODUCT ADVANTAGES



Extracted from salmon milt, it preserves native DNA structure with exceptional purity.



It offers a wide molecular weight range and is customizable to meet specific client requirements.



It is self-gelling with exceptional stretchability and shape retention.

## PRODUCT SPECIFICATIONS

Items	Specifications
Characters	White or almost white powder or fibrous aggregate
Identification	Ratio of absorbance at 260 nm and 280 nm 1.8-2.0
A600 nm	Clear and the absorbance is NMT 0.01 at 600 nm
pH	5.0 ~ 9.0 (1.0% solution)
Light Transmittance	≥ 99.0% (0.5% solution)
Protein	≤ 1.0% (on the dried substance)
Average molecular weight	Measured Value
Loss on drying	≤ 20.0%
Assay	≥ 97% (on the dried substance)
Bacterial Endotoxins	< 0.5 EU/mg
Total aerobic microbial count	≤ 100 cfu/g
Total combined yeasts /mould count	≤ 10 cfu/g
Staphylococcus aureus	Negative
Pseudomonas aeruginosa	Negative
Escherichia coli	Negative

## APPLICATIONS

Suitable for Class II and III medical devices, such as skin booster and dermal filler.

## PACKAGE AND STORAGE

- 1g/bag, 2g/bag, 5g/bag, 10g/bag, 100g/bag or customized package, Pharmaceutical low-density polyethylene (LDPE) bag with outer aluminum foil bag.
2. In an airtight container, protected from light and humidity, 2-8°C.