



渭南东江天成实业有限公司  
Summit Ingredients Co., Ltd  
陕西省渭南市经开区中国酵素城  
China Enzyme City,Weinan City,Shaanxi,China  
T:+8602984493891 E:sales@summitingredients.com  
F:+8602984493891 W:www.summitingredients.com

## SPECIFICATION

|                      |                               |
|----------------------|-------------------------------|
| Product Name         | PDRN(Polydeoxyribonucleotide) |
| INCI Name            | DHA Na                        |
| Botanical Latin Name | Male Salom                    |
| Plant Part           | Semen                         |

| Item                                 | Specification                                                                                                                    | Test Method    |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>Physical&amp;Chemical Control</b> |                                                                                                                                  |                |
| Appearance                           | White or light yellow powder or granules                                                                                         | Organoleptic   |
| Solubility                           | Soluble in water                                                                                                                 | In-House       |
| Identification                       | UV: Ratio of absorbance at 260 and 280nm 1.8-2.0                                                                                 | In-House       |
| Assay(On a dry basis)                | ≥99.0%                                                                                                                           | UV             |
| PH                                   | 6.0-8.0                                                                                                                          | In-House       |
| Molecular weight                     | 60-100 Kda                                                                                                                       | In-House       |
| Particle Size                        | 100% Pass 80 Mesh                                                                                                                | 80 Mesh Screen |
| Loss on Drying                       | ≤10.0%                                                                                                                           | In-House       |
| Protein(BCA)                         | ≤1.0%                                                                                                                            | In-House       |
| <b>Heavy Metals</b>                  |                                                                                                                                  |                |
| Lead(Pb)                             | NMT 10ppm                                                                                                                        | In-House       |
| Arsenic(As)                          | NMT 2ppm                                                                                                                         | In-House       |
| Mercury(Hg)                          | NMT 1ppm                                                                                                                         | In-House       |
| Cadmium(Cd)                          | NMT 5ppm                                                                                                                         | In-House       |
| <b>Microbiology Control</b>          |                                                                                                                                  |                |
| Total Plate Count                    | NMT3,000cfu/g                                                                                                                    | CP2020         |
| Total Yeast & Mold                   | NMT300cfu/g                                                                                                                      | CP2020         |
| E.coli                               | Negative                                                                                                                         | CP2020         |
| Salmonella                           | Negative                                                                                                                         | CP2020         |
| Staphylococcus                       | Negative                                                                                                                         | CP2020         |
| Packaging&Storage                    | Packed in paper-drums and two plastic-bags inside, 25kg/Drum.<br>Keep in cool & dry place. Stay away from strong light and heat. |                |
| Shelf Life                           | Two years if sealed and stored away from strong sun light and heat.                                                              |                |