# Chitosan Lactate Specifications

Product Name : Chitosan Lactate

Appearance : Off-white or light yellow powder

## Specifications:

| Items | Specifications |
|---|---|
| Appearance | Off-white or light yellow powder |
| D.A.C | 70% -95% |
| Solubility In Water | Soluble in deionized water |
| PH | 3.0-6.0 |
| Moisture Content | ≤10.0% |
| Insoluble Matter | ≤1.0% |
| Ash | ≤1.0% |
| As | ≤1.0 ppm |
| Pb | ≤2.0 ppm |
| Particle Size | 80 mesh (95% Pass) |

## Package & Storage:

Package: 25 Kg fiber drum

Storage: Store in a cool, dry place, away from heat and light. The shelf life: 24 months.

## Applications:

Chitosan lactate can be used as a preservative to inhibit microbial growth and as a thickener to improve texture in the food field; in the medical field, it can be used as a sustained-release carrier to facilitate drug controlled release, or as a wound dressing to exert antibacterial and repair effects; it can also be used in cosmetics to enhance moisturizing and soothing effects.