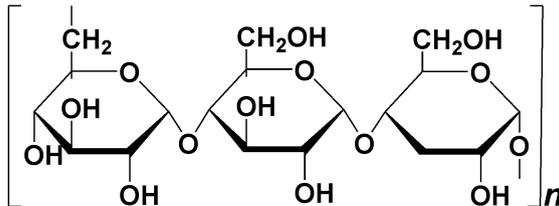


Technical Data Sheet

SFG Pullulan

Pullulan
CAS# 9057-02-7



Formula (C₃₇H₆₂O₃₀)_n

Feature

- Film forming
- Anti-Wrinkle
- Anti-Pollution

Description

Pullulan is natural water-soluble polysaccharide, produced from sucrose by fermentation. It is a linear, neutral glucan consisting mainly of maltotriose units linked through α -1, 6 - glucosidic bonds. Pullulan is an extremely versatile ingredient providing a technology platform for product innovation. It can be used widely as thickening or extending agents and adhesives, in food industry. And it has been used widely in skin-cares for Anti-Wrinkle, Anti-Pollution, etc.

Specification

Item	Specification
Appearance	White to off-white powder
Content (%)	≥ 90
Viscosity (10% w/w, 30°) (mm ² /s)	100 ~ 180
Mono-, di- and oligosaccharides (%)	≤ 10
Nitrogen content (%)	≤ 0.05
Loss on drying (90°C, 50mm Hg, 6h), (%)	≤ 6
Ignition residue (%)	≤ 8
pH (10% w/v)	6.0 ~ 8.0
Pb, ppm	≤ 1
Heavy metals (as Pb), ppm	≤ 10
Total Plate Counts (cfu/g)	≤ 100
Molds and Yeasts (cfu/g)	≤ 100
<i>E. Coli</i>	Absent/25g
<i>Salmonella</i>	Absent/25g

Shelf life 2 years