

## Pro-FOS L5575

Pro-FOS L5575 is a liquid Fructooligosaccharides, with total solids contents of 75% and FOS content is min.55% with **predominantly of 3-4** fructose units, while general fructooligosaccharides (FOS) has 2 to 60 units of fructose. FOS is a soluble dietary fiber, exists naturally in more than 36000 kinds of plants. FOS is recognized as an ideal prebiotic because of its significant health benefits, and good taste. As a result, it has been used extensively in many industries.

### **Healthy functions**

- Improving intestinal functions, by balancing body microorganism, building up a Probiotic preponderant intestine environment. Their consumption increases fecal bolus and the frequency of depositions.
- FOS have important beneficial physiological effects such as low carcinogenicity, a prebiotic effect, improved mineral absorption and decreased levels of serum cholesterol, triacylglycerols and phospholipids.
- widely used in in food products and infant formulas
- Enhanced prebiotic effect with Pro-FOS L5575 due to its low molecular weight, with predominantly 3 to 4 units of fructose.

### **Safety**

- One of typical prebiotic general recognized worldwide.
- Recognized as GRAS by the U.S.FDA
- Legislated as Food for Specified Health Uses (FOSHU) in Japan
- Recognized as General Food Ingredient by AQSIQ China and Ministry of Health
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### **Usage**

Widely used in in food products and infant formulas

Use directly according to the production requirement

### Production specification

Items		Product Code Pro-FOS L5575
		Specifications
Sensory	Appearance	Clear to light yellow translucent and sticky <b>liquid</b>
	Insoluble	No visible insoluble
	Smell	Special FOS smell
	Taste	Good sweet taste and no odor
Physicochemical Index	Dry matter (Solid material) % $\geq$	75
	PH Value	5.5~7.5
	Total FOS (on dry matter basis) (%) $\geq$	55
	Ash(%) $\leq$	0.4
	Transmittance(%) $\geq$	85
Hygienic Index	Arsenic(mg/kg) $\leq$	1.0
	Lead(mg/kg) $\leq$	5
	Total bacteria number(cfu/g) $\leq$	1000
	Coliforms (MPN/100g) $\leq$	30
	Pathogenetic germs (Salmonella, Shigella, Staphylococcus)	None

### Packing

Germ-free bag for syrup, 12.5kg×2bags into a carton.

### Country of Origin

Pro-FOS L5575 is manufactured in China for and distributed by Profood International Inc.