Hyabest®(S) LF-P

Hyaluronic Acid

Kewpie Corporation

Hyabest®(S) LF-P is hyaluronic acid for food use, produced by fermentation and refined to high purity. It has high stability and suitable for making various foods, and dietary supplements.

WHAT IS HYALURONIC ACID ?

- Hyaluronic acid is one of the acidic mucopolysaccharides naturally existing in large quantity in vitreous humor, serum, skin, chicken comb, shark's fin and whale cartilage.
- The excellent water-holding capacity of hyaluronic acid improves physical property of foods and helps skin retain moisture.
  Number of new products are expected to be launched into the market toward the future, utilizing such advantageous property of hyaluronic acid.
  Those will include dietary skin-care products.

EXCELLENT FEATURES OF Hyabest®(S) LF-P

This is high purity hyaluronic acid which is produced by fermentation method (non-animal source) and its excellent water holding capacity helps various foods improving their physical property.
This is also an ideal material of dietary supplements to supply hyaluronic acid of which natural synthesis in the body decreases by aging.

USE

Hyabest®(S) LF-P is an ideal material for nutritional drinks or dietary supplements and for improving physical properties of various foods. It can be used for making tablet products or granules.

SAFETY

LD_{50}(mice) of Hyabest®(S) LF-P is more than 10g/kg.

SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	Analysis
pH	5.0 ～ 7.0	5.8
Heavy Metals	NMT 20 ppm	NMT 20ppm
Arsenic	NMT 2 ppm	NMT 2ppm
Hemolytic Streptococcus	Negative	Negative
Hemolysis	A red blood corpuscle is precipitated and the top of the solution is clear. (Negative)	Passed
Assay (as Glucuronic Acid)	NLT 35%	48 %
* Hyaluronic Acid	NLT 95%	100 %
Moisture	NMT 10%	5 %
Crude Fat	NMT 0.2 %	NMT 0.1 %
Residue on Ignition	15 ～ 20%	18 %
Average Molecular Weight	250,000 ～ 400,000	320,000
Aerobic plate counts	NMT 300/g	NMT 20/g
Coliforms	Negative	Negative
Mold and Yeast	NMT 100/g	NMT 50/g

＊：Based on the Kewpie's internal analytical method.
(As hyaluronic acid and/or salts of hyaluronic acid : dry basis)

STORAGE AND EXPIRY

Storage： Store at ordinary temperature and keep it away from direct sunlight, high temperature and high humidity.

Expiry： 3 years from manufacturing date. (unopened, at ordinary temperature)

PACKING

100 g (in aluminum pouch) × 1 ～ 10 = 1 carton
1 kg (in aluminum pouch) × 1 ～ 10 = 1 carton

QPFC

Kewpie Corporation
Fine Chemical Division

4-13,1-Chome,Shibuya,Shibuya-ku,Tokyo,Japan 150-0002
Tel:81-3-3486-3338 Fax:81-3-3486-4640

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