



HYALURONSAN HA (POWDER) SERIES

Sodium Hyaluronate

Kewpie Corporation

“HYALURONSAN (powder) Series” is a series of sodium hyaluronate which is made from chicken comb by our original extraction and refining technology .

“HYALURONSAN HA” is a highly refined hyaluronic acid which has high viscosity and high moisture retaining property . It is made into sodium salt and is easy-to-formulate with various ingredients .

The product has the following varieties with different molecular size .

HYALURONSAN HA-Q MW : 530,000 ~ 1,330,000

HYALURONSAN HA-M5070 MW : 500,000 ~ 700,000

WHAT IS HYALURONIC ACID ?

Hyaluronic acid is a kind of acid mucopolysaccharides abundantly existing in eyes' vitreous body , umbilical cord , synovial fluid , skin , pleural fluid , blood serum , chicken comb , shark's skin and whale's cartilage .

Hyaluronic acid exists in connective tissues like skin as a compound with protein. It fills up intercellular gap together with chondroitin sulfate to maintain tissue structure, to retain moisture , lubricability and flexibility of the tissue and to protect the tissue from infection by bacteria .

Its excellent property of moisture retention plays a very important role especially in such organs like eyes , joints and skin where keeping moisture is crucial . Due to such beneficial properties hyaluronic acid will have more applications in the future .

EXCELLENT FEATURES OF HYALURONSAN HA (powder)

This is sodium hyaluronate in powder form which is made from chicken comb and due to its high water-holding capacity it prevents skin and hair from drying and keeps them moist.

HYALURONSAN HA (powder) is recommended for making wide range of cosmetic products .

U S E

Moisturizing ingredient for various cosmetics

Improving physical property of cosmetics (like viscosity improver)

SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	HYALURONSAN HA - Q	HYALURONSAN HA - M5070
pH	5.0 ~ 7.5 (0.1g / 100)	6.4	6.3
Heavy Metals	NMT 20 ppm	NMT 20 ppm	NMT 20 ppm
Arsenic	NMT 2 ppm	NMT 2 ppm	NMT 2 ppm
Protein	NMT 0.2 %	NMT 0.2 %	NMT 0.2 %
Presence of the other Mucopolysaccharides	None detected	None detected	None detected
Loss on Drying	NMT 10.0%	4.4 %	4.9 %
Residue on Ignition	15.0 ~ 20.0 %	18.0 %	18.1 %
Nitrogen	2.8 ~ 4.0 %	3.3 %	3.3 %
Glucuronic acid	43.0 ~ 51.0 %	47.9 %	46.7 %
Intrinsic Viscosity	HA-Q : 10.5 ~ 21.5 dL/g HA-M5070: 10.0 ~ 13.0 dL/g	20.3 dL/g	11.4 dL/g
Aerobic plate counts	NMT 100/g	NMT 20/g	NMT 20/g
E.Coli	Negative	Negative	Negative
Mold and Yeast	NMT 100/g	NMT 50/g	NMT 50/g

COMPOSITION

Ingredient Name	INCI Name	Composition
Sodium Hyaluronate	Sodium Hyaluronate	100 %

* This conforms to “Sodium Hyaluronate(1)” in The Japanese Standards of Quasi-drug Ingredients.

STORAGE AND EXPIRY

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

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

PACKING

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



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