



Sodium Hyaluronate (H2)

(The average molecular weight: $1200 \times 10^3 - 1600 \times 10^3$)

Product Code (Outside Japan): CSR-NaHA-H2, CSR-NaHA-H2-10

Product Code (Japan): NaHA-H2, NaHA-H2-10

Labeled Content: 3 mg/vial (H2), 10 mg/vial (H2-10)

Appearance: white amorphous block or powder (lyophilizate)

CAS number of Sodium Hyaluronate: 9067-32-7

Overview: Hyaluronan (HA) is a glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-glucosamine and D-glucuronic acid. HA is abundant in synovial fluid, skin, the umbilical cord, and the vitreous body, where it exists as unbranched polysaccharide chains.

Each vial contains 3 mg (H2) or 10 mg (H2-10) of lyophilized sodium hyaluronate. The average molecular weight is $1200 \times 10^3 - 1600 \times 10^3$. The attached Certificate of Analysis provides the actual measured values for each product specification.

Handling precautions:

- 1) The interior of the vial is depressurized. Please take care when opening the vial.
- 2) This product is hygroscopic. Store at 8°C or below, protected from moisture.
- 3) This product requires a considerable amount of time to dissolve completely. After adding the solvent, we recommend placing the vial in a refrigerator for an extended period (e.g., several tens of minutes) and then mixing thoroughly before use. When this product is dissolved at concentrations of approximately 5 mg/mL or higher, a homogeneous solution cannot be obtained using a conventional vortex mixer due to the high viscosity. To achieve a uniform solution, we recommend the following procedure: ①. Draw the solution into an appropriate injection syringe. ②. Connect a second syringe using a suitable connector tube. ③. Move the plungers back and forth alternately to mix the solution thoroughly.
- 4) After reconstitution, store the solution at -20 °C or below. Preparing aliquots suitable for anticipated use is recommended.
- 5) NaHA is degraded by oxidizing agents, reducing agents, strong acids, strong alkalis and heat.
- 6) This product is for research use only. It is not intended for use in diagnostic or therapeutic procedures.

NOTICE: For R&D use only. Do not use for drug, household, cosmetically and others.

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