

# IntegriMOIST Hyaluronic Acid Series



Hyaluronic Acid Series - Multiple molecular weight options for every skin and scalp hydration need.








IntegriMOIST Hyaluronic Acid – Nature's Powerful Humectant Range

Hyaluronic acid (HA) also known as hyaluronan or hyaluronate is a slippery, viscous substance that the human body produces naturally to lubricate and hydrate the eyes, joints and skin. Chemically, it is a biopolymer made of N-acetyl glucosamine and D-glucuronic acid.

**Hyaluronic Acid – Available in 5 Molecular Weights**

*"Size matters!" "Various HA molecular weights perform differently on the skin."*

Which IntegriMOIST Hyaluronic Acid weight is right for your formulation?

-  High Molecular Weight (HMW) Locks in water, adds a pleasant esthetic and a delightful moisturizing film on the skin.
-  Medium Molecular Weight (MMW): Adheres to skin's surface and penetrates the stratum corneum for longer lasting hydration.
-  Low Molecular Weight (LMW): Penetrates the epidermis to increase skin elasticity; repairs and nourishes damaged skin.
-  Very Low Molecular Weight (VLMW): Absorbs deep in the epidermis; combats premature aging and increases skin elasticity.
-  IntegriMOIST HA Oligo: Deeply penetrates the dermis; nourishes, increases skin firmness; visibly reduces wrinkles.
-  IntegriMOIST HA 1%: High Molecular Weight Hyaluronic Acid water solution for moisturization.
-  Multi-Weight Complex (MWC): Cascades to all layers of the skin; dramatically delivers all benefits of each molecular weight.

*"I prefer to use a combination of various molecular weights to get improved esthetics and instant softness combined with the deeper penetrating longer lasting effects."*

– Christina Dean, Integrity Ingredients Corporation – Director of Research and Development



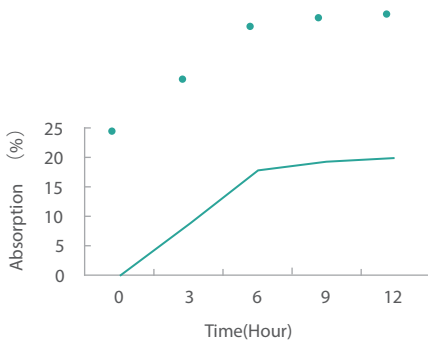
**Hyaluronic Acid Benefits for the Skin and Hair**

**Deeply hydrates skin and hair.** Hyaluronic acid is a powerful hydrophilic (water-loving) humectant that attracts and retains water up to 1000 times its weight. Therefore, it is ideal for skin, body or hair formulas designed to hydrate, moisturize, and lubricate.

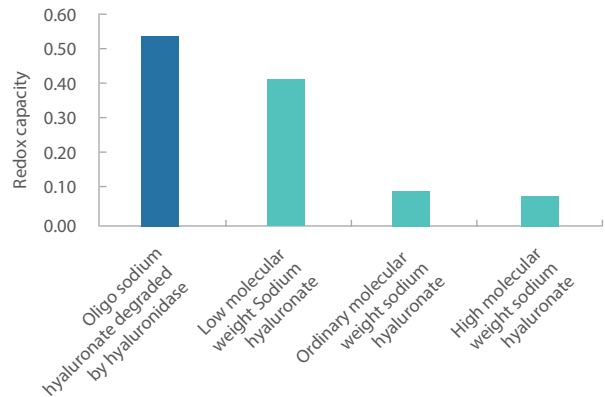
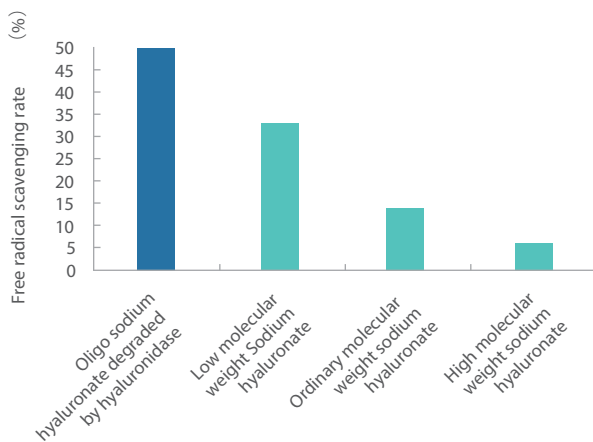
**Plumps the skin and reinforces its flexibility.** Hyaluronic Acid features a unique viscoelastic property which supports skin's structure leaving it firm and plump. Due to repeated facial expressions the skin continuously moves, and HA helps it to stretch, flex and spring back to its original position minimizing the formation of fine lines and wrinkles.

**Binds moisture on the scalp and in the hair follicles.** A research study showed that a blend of hyaluronic acid, collagen, and chitosan helped to increase both hair volume and thickness (Grabska, 2019). As we age, the body's HA reserves decrease leaving skin cells dehydrated on the scalp, as well as the dermal cells surrounding the hair follicles. HA solutions help to lock in moisture, rehydrate dry scalp and brittle hair, smooth the cuticle, fight frizz, and strengthen the hair shaft to guard against breakage.

IntegriMOIST Hyaluronic Acid – Nature’s Powerful Humectant Range

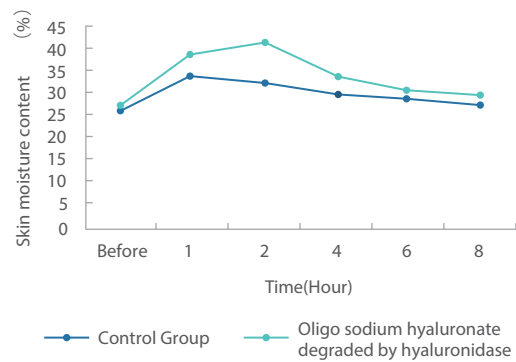
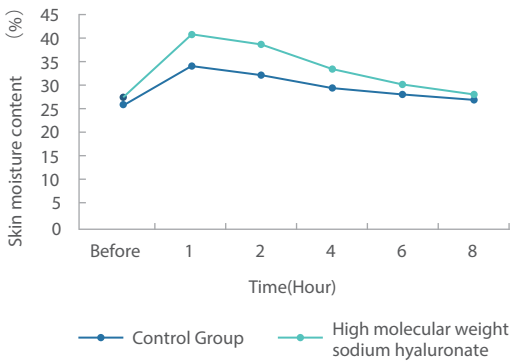


Oligo sodium hyaluronate degraded by hyaluronidase with molecular weight 3,000Da-10,000Da and the average size is less than 25nm, so it can penetrate into the skin and nourish the skin deeply. The experiment proved that the content of oligo sodium hyaluronate degraded by hyaluronidase in the skin increased gradually with the experiment time, which indicated that it could not only cover the surface, but also be absorbed through the skin, so as to provide deep care for the skin.



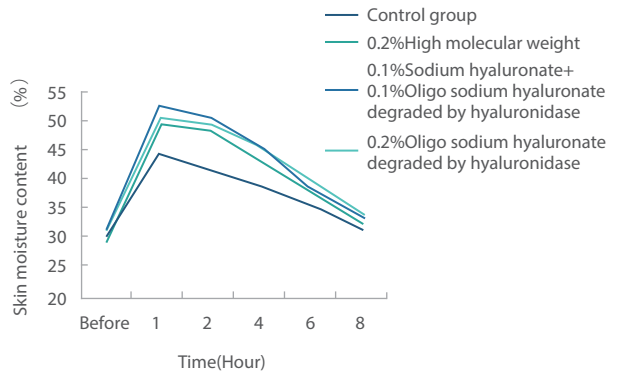
Antioxidant activity indicators: Free radical scavenging rate, redox capacity. The results showed that the antioxidant activity of oligo sodium hyaluronate degraded by hyaluronidase was higher than that of sodium hyaluronate with other molecular weight.

**IntegriMOIST Hyaluronic Acid – Nature’s Powerful Humectant Range**



Compared with the control group, the moisture content of the skin increased significantly at 1h, 2h and 4h in oligo sodium hyaluronate degraded by hyaluronidase group and high molecular weight group, which indicated that the moisture retention of the two groups was similar. Oligo sodium hyaluronate degraded by hyaluronidase is easier to absorb and is refreshing to the skin. Even perspiration, will not leave a tacky afterfeel.

Oligo sodium hyaluronate degraded by hyaluronidase can penetrate into the skin, hydrating the epidermis and dermis. Sodium hyaluronate with high molecular weight has good moisturizing capability by forming a film on the surface of skin. When oligo sodium hyaluronate degraded by hyaluronidase and sodium hyaluronate with high molecular weight are used in formulation together, a remarkable synergistic effect is observed.



*Hyaluronic Acid –  
 Nature’s Powerhouse for Clean Beauty*



Hyaluronic Acid Product List				
Cosmetic Grade Sodium Hyaluronate				
Product Name	Molecular Weight	INCI Name	Function	Recommended Use Level
IntegriMOIST HA HMW	1,500 - 2,000 KDa	Sodium Hyaluronate	Efficiently locks in water, adds a pleasant esthetic to formulations and forms a delightful moisturizing film on the skin.	0.1 - 0.5%
IntegriMOIST HA MMW	800 - 1,500 KDa	Sodium Hyaluronate	Adheres to the skin's surface while it penetrates the stratum corneum for longer lasting hydrating effects.	0.1 - 0.5%
IntegriMOIST HA LMW	100-500 KDa	Sodium Hyaluronate	Penetrates deeper into the epidermis to increase skin elasticity and to repair and nourish damaged skin.	0.1 - 0.5%
IntegriMOIST HA VLMW	<100 KDa	Sodium Hyaluronate	Directly absorbed into the deepest epidermal level to combat premature aging and increase skin elasticity.	0.1 - 0.5%
IntegriMOIST HA Oligo	3 - 10 KDa	Hydrolyzed Sodium Hyaluronate	Strong water retention: Deeply penetrates the dermal layer to nourish and store hydration in the skin's connective tissue to increase skin firmness and visibly reduce wrinkles.	0.1 - 0.5%
IntegriMOIST HA 1%		Sodium Hyaluronate	High Molecular Weight in a water solution for moisturization.	1 - 90%
IntegriMOIST HA MWC	Mixed Molecular Weights	Sodium Hyaluronate (and) Hydrolyzed Sodium Hyaluronate	Maximizes deep, long-lasting hydration at every level of the skin. Increases elasticity, improves skin texture and smoothness, and it's skin plumping effect helps to reduce the appearance of wrinkles.	10 - 50%

#### APPLICATIONS:

**Skin care products:** Creams, lotions, essences, serums, gels, facial masks.

**Make-up products:** Liquid foundations, tinted moisturizers, lipsticks, lipgloss, cream eye shadows.

**Cleansing products:** Facial cleansers; shower and bath gels.

**Hair products:** Shampoos, conditioners, hair gels, scalp serums.



IntegriMOIST Hyaluronic Acid – Nature’s Powerful Humectant Range

**IntegriMOIST HA MWC (Multi-Weight Complex)**

As noted on page one, there are different molecular weights of Hyaluronic Acid that are designed to penetrate to various layers of the epidermis to deliver distinct sensorial and anti-aging effects.

As hypothesized in an article published in the Federation of European Biochemical Societies Journal, products containing different weights of the hyaluron molecule may signal independent cellular responses in the skin, triggering different pathways of healing and repair mechanisms. The study suggests that using a combination of molecular weights will trigger varied complementary pathways that lead to even better results than just one molecular weight alone. (Tavianatou, 2019).

***Introducing IntegriMOIST HA MWC (Multi-Weight Complex) – the Rolls Royce of Hyaluronic Acid!***

**Key Advantages**

**Enhanced Penetration and Increased Hydration**

Because it is an integrated complex of multiple weights, IntegriMOIST HA MWC (Multi-Weight Complex) can quickly cascade through both the epidermal and dermal layers with expert efficiency to dramatically plump the skin and deliver long-lasting hydration.

**Improved Wrinkle Smoothing, Skin Texture and Elasticity**

IntegriMOIST HA MWC (Multi-Weight Complex) not only smooths, plumps, and deeply hydrates the skin, it provides even more multi-dimensional, long-lasting effects such as increased elasticity, improved skin texture and wrinkle reduction for a more refined youthful appearance.

**Long-Lasting Hydration and Anti-Aging Effects**

Highly efficacious and skillfully efficient, IntegriMOIST HA MWC (Multi-Weight Complex) rapidly drives intense hydration to both the epidermal and dermal layers of the skin. Although there is a higher cost involved, the superior benefits far outweigh the expense. Our Multi-Weight Complex provides more intense, longer-lasting results as compared to a single weight molecule or combination thereof. As IntegriMOIST HA MWC cascades down to each layer of the skin, the different molecular weights cohesively deliver rapid hydration and numerous anti-aging effects. And as scientists suggest, may signal independent cellular responses in the skin that trigger different repair mechanisms for more sustained and multifunctional, youth promoting benefits.

Overall, skincare products formulated with IntegriMOIST HA MWC (Multi-Weight Complex) can provide multi-dimensional and multifunctional benefits for the skin – enhanced penetration, improved texture, and increased, long-term hydration and anti-aging effects.



## IntegriMOIST Hyaluronic Acid – Nature’s Powerful Humectant Range

### Product Features

#### High Molecular Weight

Efficiently locks in water, adds a pleasant esthetic to formulations and forms a delightful moisturizing film on the skin.

#### Medium Molecular Weight

Adheres to the skin’s surface while it penetrates the stratum corneum for longer lasting hydrating effects.

#### Low Molecular Weight

Penetrates deeper into the epidermis to increase skin elasticity and to repair and nourish damaged skin.

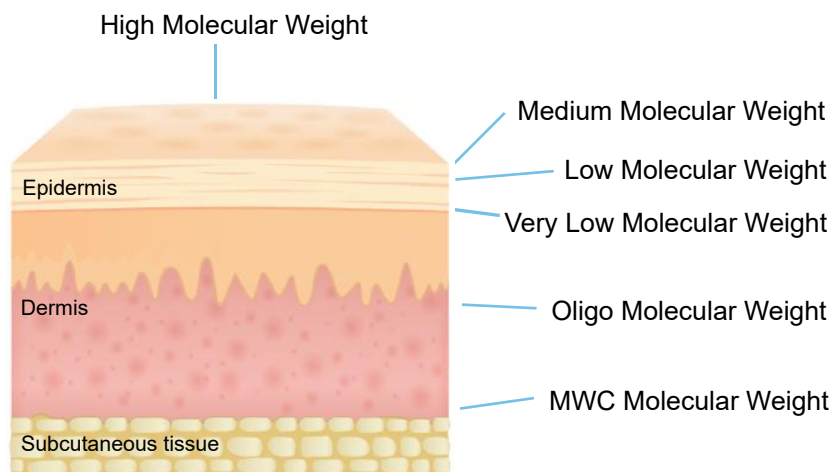
#### Very Low Molecular Weight

Directly absorbed into the deepest epidermal level to combat premature aging and increase skin elasticity.

#### Oligo Molecular Weight

Strong water retention: Deeply penetrates the dermal layer to nourish and store hydration in the skin’s connective tissue to increase skin firmness and visibly reduce wrinkles.

### Layers of the Skin



IntegriMOIST HA MWC (Multi-Weight Complex) is an integrated complex of all the combined molecular weights above that cascades from the surface of the skin to the dermal layer to deliver an amalgamation of all benefits.

Recommended Use Level: 10 - 50%

### Hyaluronic Acid Applications

Hyaluronic acid has several beneficial properties when used on the skin and scalp. It’s powerful humectant properties make it especially ideal for plumping mature, aging skin to reduce the appearance of fine lines and wrinkles. It is perfect for formulating moisturizing creams, lotions, serums, massage creams, spa products, ointments and intimate lubricants. Hyaluronic acid’s viscoelastic properties, making it an excellent choice for hair and scalp care applications and is an efficacious solution for shampoos, conditioners, hair serums, masks, styling products and scalp and color repair treatments.

# Integrity Ingredients Corporation

---

## “Your Innovation Partner”

*“Advancing the Beauty with a Conscience Movement”*

### **CONTACT US**

Integrity Ingredients Corporation  
2255 Jefferson Street  
Torrance, CA 90501

Phone: (310) 782-0282  
Toll Free: (877) 765-0282

Email: [info@integrityingredientscorp.com](mailto:info@integrityingredientscorp.com)

### **JOIN US ON SOCIAL MEDIA - LET'S CONNECT**



*Thank you for your interest in our products! [Click to contact us today ...](#)*