

FOR INTERNAL TRAINING ONLY

Novaleen
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NAD+ NMN



Dermatologically tested

1 PRODUCT DESCRIPTION

NAD+ NMN

Advanced Dual-Vial Activation Technology The future of premium age-defying skincare relies on ultimate ingredient stability and maximum cosmetic potency. The new NAD+ NMN system utilizes an advanced two-part delivery format to preserve the delicate integrity of its active complexes.

By isolating the highly concentrated freeze-dried actives from the moisture-rich activating serum until the exact moment of application, this dual-vial system guarantees a fresh, uncompromised, and incredibly powerful surge of vitality for tired, depleted-looking skin.

Vial 1: The Pure Vitality Powder (100mg): This freeze-dried powerhouse contains a meticulously preserved, highly concentrated blend of **NMN** (Nicotinamide Mononucleotide) and **NR** (Nicotinamide Riboside Chloride). Celebrated globally for their ability to promote a visibly energized and resilient complexion, these advanced cosmetic precursors work at the skin's surface to continuously combat the look of environmental fatigue, restoring a brilliant, lit-from-within radiance.

Vial 2: The Activating Liquid (4ml): This rich, conditioning serum acts as the perfect delivery system, instantly activating the pure powder. It is formulated with a profound moisture-binding matrix of **Hyaluronic Acid** and a targeted blend of visibly age-defying **amino acids (Glycine, Proline, and Lysine)**. Because these specific amino acids are the fundamental building blocks of a supple complexion, they work synergistically to flood the skin's surface layers with intense hydration, instantly plumping the appearance of fine lines and dramatically enhancing the natural feeling of firmness and bounce.

+ NMN

+ NR

+ Hyaluronic Acid

+ Amino Acids

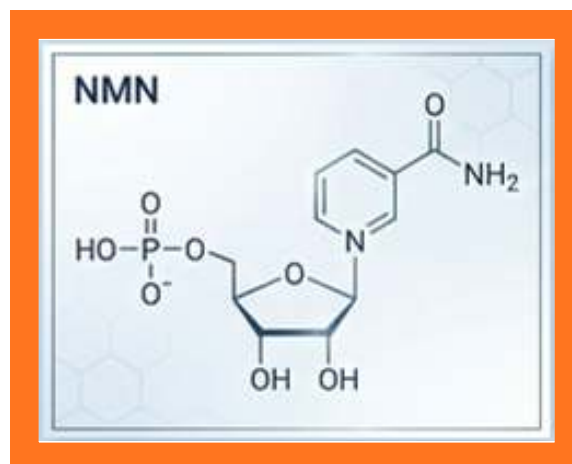
Dermatologically tested



2 ACTIVE INGREDIENTS

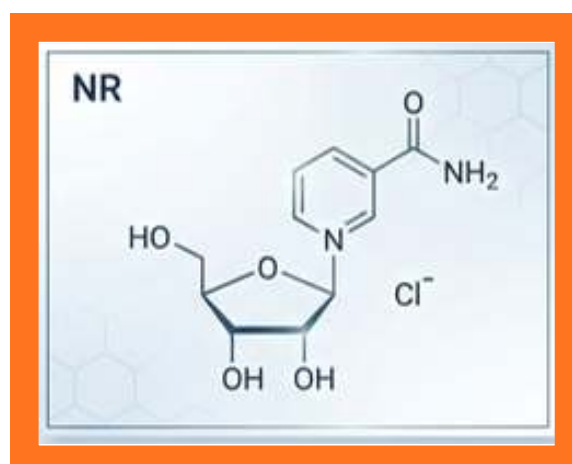
NMN (Nicotinamide Mononucleotide)

A breakthrough in cosmetic science, NMN is the ultimate energizing elixir for tired-looking skin. This advanced ingredient works to visibly revive and awaken the complexion, supporting the skin's natural feeling of vitality. Regular application helps to promote a beautifully radiant, youthful-looking glow while diminishing the appearance of everyday skin fatigue and dullness.



NR (Nicotinamide Riboside Chloride)

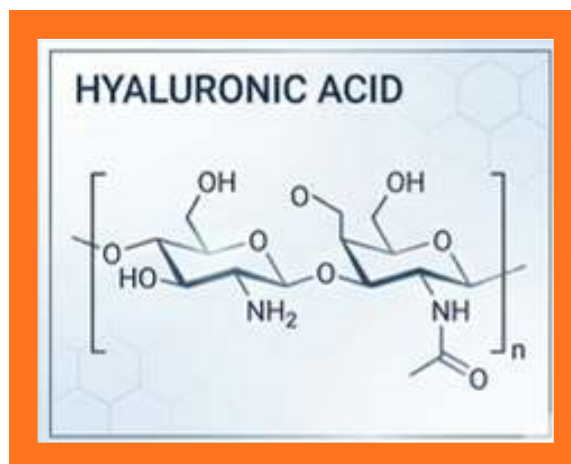
Working in perfect synergy with NMN, NR is a cutting-edge cosmetic powerhouse designed to visibly recharge depleted skin. It acts as an exceptional topical conditioner, helping the skin's surface defend against the visible signs of environmental stress and premature aging. The result is a profoundly refreshed, resilient, and flawlessly luminous complexion.



3 ACTIVE INGREDIENTS

Hyaluronic Acid

The gold standard in topical hydration, Hyaluronic Acid acts as a profound moisture magnet for the skin. It instantly quenches surface dehydration, binding essential water to the skin to visibly plump the complexion, smooth uneven texture, and deliver that coveted, dewy "glass skin" radiance.



Glycine

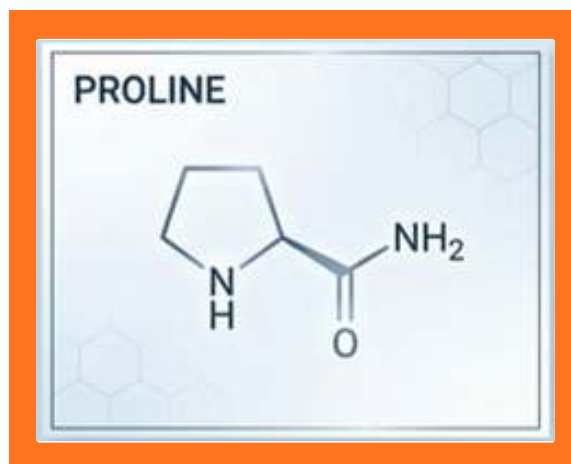
As a fundamental building block of a supple-looking complexion, topical Glycine provides exceptional cosmetic support. It intensely conditions the skin's surface layers, promoting a visibly firmer appearance and dramatically enhancing the natural feeling of elasticity, bounce, and structural resilience.



4 ACTIVE INGREDIENTS

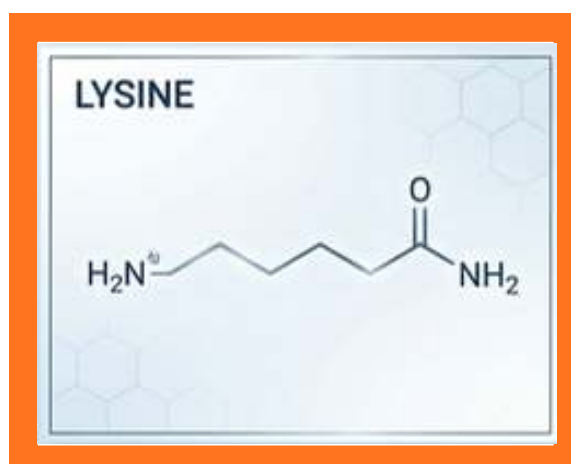
Proline

Proline is an essential amino acid celebrated for its extraordinary ability to visibly plump and refine the skin. It works to deeply nourish the surface, softening the look of superficial fine lines, wrinkles, and skin creping, ultimately leaving the complexion with an impeccably smooth and silky texture.



Lysine

This vital amino acid plays a crucial role in visibly reinforcing the skin's surface. Lysine acts as a powerful topical fortifier, helping the skin retain essential moisture while visibly supporting its structural feeling against daily wear and tear, ensuring a consistently healthy-looking, flawless finish.



5 ABOUT NMN

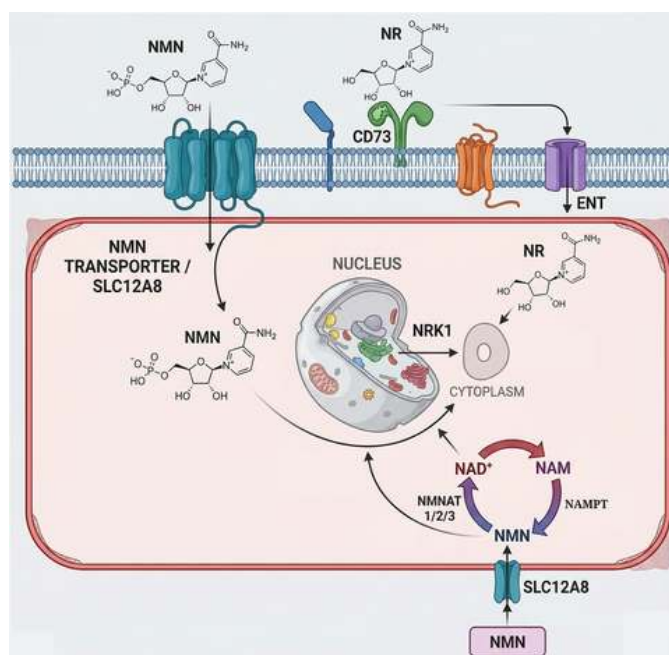
Nicotinamide Mononucleotide

The Science of Vitality: Understanding NMN and NAD⁺

Nicotinamide Mononucleotide (NMN) is a cutting-edge molecule that serves as a direct building block for **NAD⁺ (Nicotinamide Adenine Dinucleotide)**. Think of NAD⁺ as the essential "cellular currency" that powers our skin's natural functions. As we age, our skin's natural levels of NAD⁺ gradually decline, which can lead to a tired, lackluster appearance and the visible signs of skin fatigue. By delivering highly concentrated NMN directly to the surface of the skin, we provide it with the essential cosmetic fuel it needs to visibly recharge and rejuvenate.

When applied, NMN helps to awaken the complexion by supporting the skin's natural sense of vitality. Because it promotes the look of energized, healthy skin, it is highly effective at minimizing the appearance of fine lines, improving the feeling of firmness, and restoring a radiant, youthful-looking glow. Think of NMN as a cosmetic spark plug for your skin—helping it look its most vibrant, resilient, and beautifully refreshed self.

NMN energizes the skin by boosting NAD⁺ levels, promoting a visibly firmer, radiant, and youthful-looking complexion.



Graphical representation of nicotinamide mononucleotide absorption in the cell

6 INDICATIONS



The ultimate daily defense against visible skin fatigue and dullness.

Revive a Tired, Lackluster Complexion

Ideal for giving dull, depleted-looking skin a visibly energized and refreshed appearance.

Smooth the Look of Fine Lines

Excellent for targeting the appearance of surface lines and promoting a softer, more refined skin texture.

Enhance the Feeling of Firmness

A great choice for supporting the skin's natural bounce and promoting a visibly firmer, more supple look.

Restore a Youthful-Looking Glow

Helps to bring back brilliant radiance to skin that feels stressed or weathered by daily environmental factors.

Deeply Condition and Refine

Perfect for delivering concentrated nourishment to leave the skin surface feeling silky, resilient, and flawlessly soft.

7 BENEFITS & EFFECTS

Benefits

Revitalizes the overall appearance of tired, depleted-looking skin.

Supports the skin's natural feeling of firmness, elasticity, and bounce.

Provides a concentrated surge of cosmetic vitality to awaken a dull complexion.

Acts as a daily defense against the visible signs of everyday skin fatigue.

Delivers deep, structural-feeling nourishment for a long-lasting, youthful-looking glow.

Effects

Visibly smooths out the appearance of fine lines and surface wrinkles.

Instantly imparts a radiant, energized luminosity to the skin.

Refines overall skin texture for a flawlessly soft, silky finish.

Visibly reduces the look of dullness and lackluster tone.

Enhances the skin's visible suppleness from the very first drop.



*Visibly firm, smooth,
and energize your
complexion for a
flawlessly youthful-
looking glow.*

8 CLINICAL STUDIES

Below is a published clinical study that was performed on the active ingredient stated below.

Ingredient: NMN (Nicotinamide Mononucleotide)

Study Title: Permeation of Nicotinamide Mononucleotide (NMN) in an Artificial Membrane as a Cosmetic Skin Permeability Test Model

Date: May 2025

Summary: This study demonstrated that topically applied NMN effectively permeates the skin barrier to act directly on fibroblasts in the upper dermis. The data showed that NMN significantly enhanced the natural production of Type 1 Collagen, leading to improved structural support and a visibly firmer, more rejuvenated skin appearance.

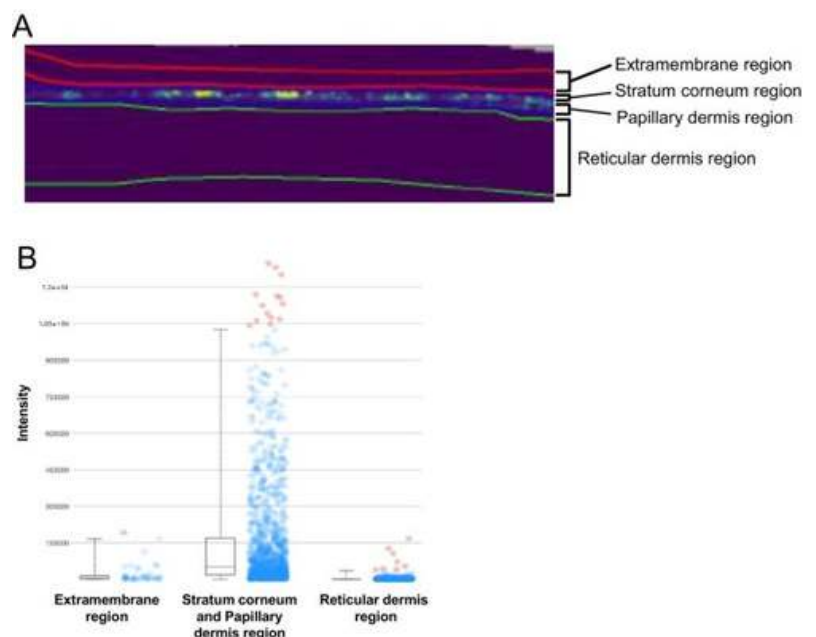
Reference: Betsuno, R., Yamane, T., Tsuji, H., Nakajima, Y., Imai, M., Bamba, T. and Uchiyama, S. (2025), Permeation of Nicotinamide Mononucleotide (NMN) in an Artificial Membrane as a Cosmetic Skin Permeability Test Model. J Cosmet Dermatol, 24: e70222. <https://doi.org/10.1111/jocd.70222>

Extract from above study - showing absorbance of NMN into the dermis

Figure 2 (below) provides a highly scientific, color-coded cross-section (mass spectrometry imaging) **showing exactly where the NMN goes. It visually proves that NMN successfully penetrates the outer skin barrier (stratum corneum) and reaches deep into the upper dermis layer.**

Because NMN was detected in the fraction eluted from the membrane, the localization of NMN in the membrane was observed. MALDI-MSI analysis revealed that NMN was localized in the stratum corneum and papillary dermis regions but not in the reticular dermis region (Figure 2) (on the right).

Clinical mass spectrometry imaging demonstrates that topically applied NMN successfully permeates the surface barrier to reach the deeper dermal layers, directly targeting the source of the skin's natural collagen environment.



Betsuno, R., Yamane, T., Tsuji, H., Nakajima, Y., Imai, M., Bamba, T. and Uchiyama, S. (2025), Permeation of Nicotinamide Mononucleotide (NMN) in an Artificial Membrane as a Cosmetic Skin Permeability Test Model. J Cosmet Dermatol, 24: e70222. <https://doi.org/10.1111/jocd.70222>

9 CLINICAL STUDIES

Below is a published clinical study that was performed on the active ingredient stated below.

Ingredient: Copper Tripeptide-1 (GHK-Cu)

Study Title: β -Nicotinamide Mononucleotide Enhances Skin Barrier Function and Attenuates UV-B-Induced Photoaging

Date: November 2024

Summary: *This extensive study evaluated the topical application of Nicotinamide Mononucleotide (NMN) on environmentally stressed and depleted skin. The clinical data proved that NMN acts as a profound conditioning agent, significantly fortifying the skin's natural moisture barrier and drastically reducing trans-epidermal water loss (TEWL). Regular application resulted in a visibly smoothed complexion, deeply hydrated surface layers, and a noticeable reduction in the appearance of rough, weathered skin texture.*

Reference: Int. J. Mol. Sci. 2024, PMID: PMC12729516, Sung Jin Kim et al.

Figure 2. Protective effects of NMN against UV-B-induced skin damage in SKH-1 hairless mice. (A) Skin thickness, (B) skin hydration, (C) transepidermal water loss (TEWL), and (D) skin elasticity were measured at baseline (week 0) and after 10 weeks of UV-B irradiation with or without NMN. Data are expressed as mean $\pm$ standard deviation (SD). Statistical significance: # $p < 0.001$ vs. vehicle group; ** $p < 0.01$, *** $p < 0.001$ vs. UV-B group.

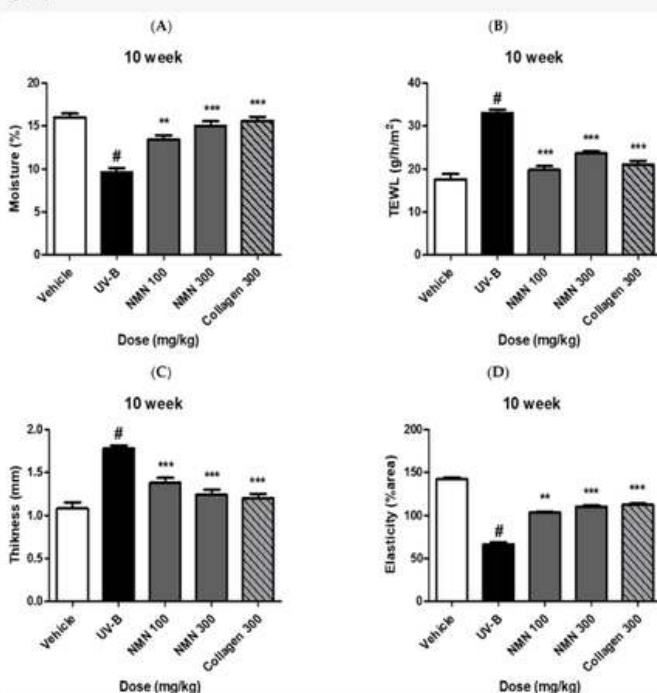
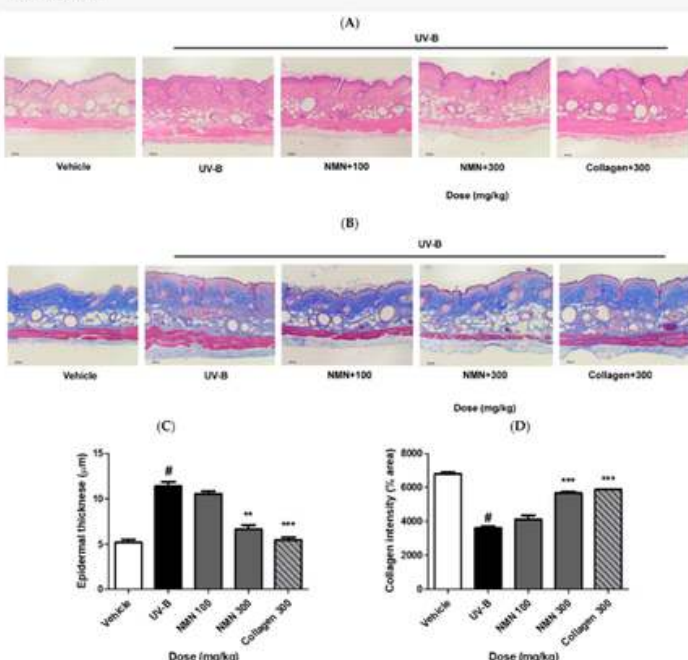


Figure 4. Effects of NMN administration on dermal thickness and collagen fiber density in UV-B-irradiated SKH-1 mice. Dorsal skin tissue was collected 10 weeks after oral NMN administration. (A) Representative images of hematoxylin and eosin (H&E) staining for dermal thickness and (B) Masson's trichrome staining for collagen fibers. (C) Quantitative analysis of dermal thickness. (D) Quantitative analysis of collagen fiber density was performed using ImageJ software. Data are presented as the mean $\pm$ standard deviation (SD). Statistical significance: # $p < 0.001$ vs. vehicle group; ** $p < 0.01$, *** $p < 0.001$ vs. UV-B group.



10 CLINICAL STUDIES

Below are published clinical studies that were performed on the active ingredients stated below.

Ingredient: HA + Amino Acids

Study Title: Intradermal Treatment with a Hyaluronic Acid Complex Supplemented with Amino Acids Improves Cutaneous Hydration and Viscoelasticity in Healthy Subjects

Date: June 2024

Summary: *This clinical trial investigated the exact synergistic blend found in our activating vial: Hyaluronic Acid combined with a targeted amino acid complex. The results demonstrated an exceptional cosmetic transformation. Within 42 days, participants experienced a significant surge in surface hydration, a visible enhancement in skin density, and a profound improvement in the natural feeling of elasticity and bounce. Furthermore, over 87% of subjects reported their complexion looked visibly rejuvenated and inherently more luminous.*

Reference: Siquier-Dameto, G.; Boadas-Vaello, P.; Verdú, E. Intradermal Treatment with a Hyaluronic Acid Complex Supplemented with Amino Acids and Antioxidant Vitamins Improves Cutaneous Hydration and Viscoelasticity in Healthy Subjects. *Antioxidants* 2024, 13, 770. <https://doi.org/10.3390/antiox13070770>

Figure 2. Results of the hydration rate of the skin of the subjects in the baseline situation (D7) before and after treatment with CBL (D42) using the Corneometer® apparatus. Values are mean $\pm$ SD. Forty subjects (n = 40) were analyzed. ** $p < 0.01$ with respect to baseline (D7).

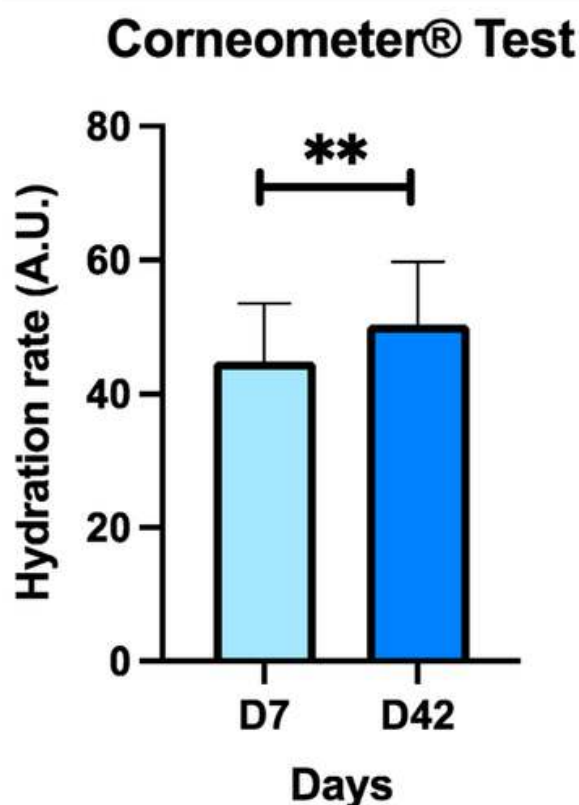


Table 5. Results of the global aesthetic improvement scale (GAIS).

GAIS Grades	Medical Practitioner	Subject
Very much improved	0%	0%
Much improved	20%	30%
Improved	62.5%	50%
No change	17.5%	20%
Worse	0%	0%

11 CLINICAL STUDIES

Below are published clinical studies that were performed on the active ingredients stated below.

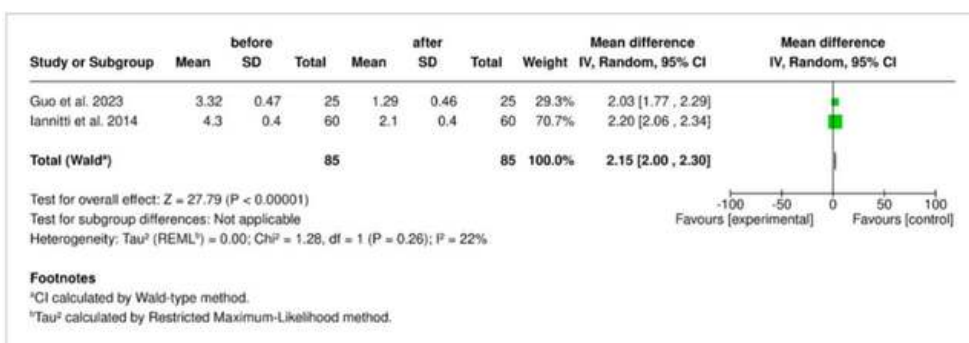
Ingredient: Amino Acids

Study Title: Efficacy and Safety of Amino Acid-Enriched Hyaluronic Acid in Facial Rejuvenation: A Systematic Review

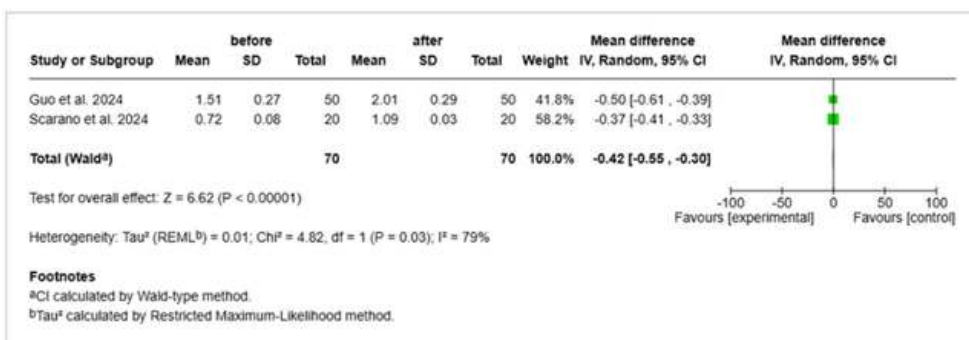
Date: Feb 2026

Summary: *This comprehensive clinical review confirmed that enriching Hyaluronic Acid with structural-supporting amino acids (specifically Glycine, Proline, and Lysine) delivers superior cosmetic outcomes compared to standard HA alone. The data proves that while HA provides an immediate moisture surge, the targeted amino acids act as critical building blocks to visibly condition and support the skin's surface. This advanced combination reliably smooths the appearance of fine lines, prolongs the feeling of suppleness, and delivers a flawless, long-lasting plumping effect.*

M.Mosteirin, A. G.Ardila, R. G.Calomarde, and G.Mariscal, "Efficacy and Safety of Amino Acid-Enriched Hyaluronic Acid in Facial Rejuvenation: A Systematic Review and Meta-Analysis," Journal of Cosmetic Dermatology 25, no. 2 (2026): e70741, <https://doi.org/10.1111/jocd.70741>.



A statistically significant reduction in facial wrinkle severity was demonstrated following treatment with amino acid-enriched hyaluronic acid (MD = 2.15; 95% CI: 2.00–2.30; $p < 0.0001$), accompanied by low heterogeneity ($I^2 = 22\%$) (Figure 3).



A significant increase in dermal thickness was observed after treatment. When calculated as the difference between pre-treatment and post-treatment values (Before–After), the mean difference was –0.42 mm (95% CI: –0.55 to –0.30; $p < 0.00001$), reflecting the actual post-treatment increase from the baseline measurements. Heterogeneity was high ($I^2 = 79\%$) (Figure 5).

12 PACKAGING & STORAGE

Packaging

Vial 1: 100mg freeze dried vial

Vial 2: 4ml liquid vial

Both vials are sterile and single use.

Storage

Temperature Control: Store the unopened vials in a cool, dry environment, ideally between 1°C and 30°C. Avoid exposing the product to extreme heat or freezing temperatures.

Light Protection: NMN and advanced peptides are sensitive to prolonged light exposure. Keep the vials securely inside their original outer packaging when not in use to protect them from direct sunlight and harsh clinical lighting.

Maintain Sterility: Do not remove the protective aluminum seal or rubber stopper until immediately before the treatment begins.

Strictly Single-Use: Once the sterile vial is opened, the product must be used immediately. Any remaining product must be safely discarded and never stored, refrigerated, or reused for subsequent treatments.



13 CONTACT



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