

Shikasome™

Harnessing the power of **Shikakai Stem Cell Extract**, this next-generation bioactive serum works at the root of skin aging.

INCI
Acacia concinna
Fruit Extract

- Mild scent
- Plant based
- Water soluble
- Pale yellow color

1-5%

Usage level

- 100% natural
- Vegan
- Made in the USA
- cGMP-produced



Clinically profiled for its unique metabolite signature, Shikakai is known to support:

- **Anti-senescence defense**
- **Collagen regeneration**
- **Autophagy activation**
- **Hyaluronic acid levels**
- **Telomere protection & length support**
- **Skin blemishes**

This isn't surface-level skincare. This is **longevity skincare**.

Traditional Ingredients: Spermidine, Curcumin, Retinol, Fisetin, Peptides (Matrixyl®, Acetyl Hexapeptide), NAD boosters, Niacinamide, Coenzyme Q10, Resveratrol, Astaxanthin

Typical Performance Profile:

Longevity-oriented cosmetic ingredients typically target a single pathway such as retinoid signaling or peptide-driven collagen support.

Shikasome Positioning: Shikasome contains metabolites including spermidine, EGCG, and amino acids associated with skin renewal, antioxidant defense, and collagen-support pathways.

Powered by a Rare Metabolic Complex

Our Shikakai stem cells are cultivated using advanced plant biotechnology to preserve a naturally occurring bioactive molecules essential for youthful looking skin.

Cellular Longevity Molecules

- NMN** – Helps maintain NAD+ pathways associated with healthy-looking skin
- Spermidine** – Known autophagy activator for visible rejuvenation
- Methylthioadenosine & Adenosine** – Health cell signaling and renewal
- Telomere**-supportive nucleotides (Adenine, Uridine, AMP, UMP)

Collagen & Hyaluronic Acid Support

- Proline, Lysine, Glycine, Arginine** – Essential amino acids for collagen architecture
- Serine, Threonine, Aspartate** – Support for dermal integrity
- Citrate & Gluconate** – Energy cycle cofactors

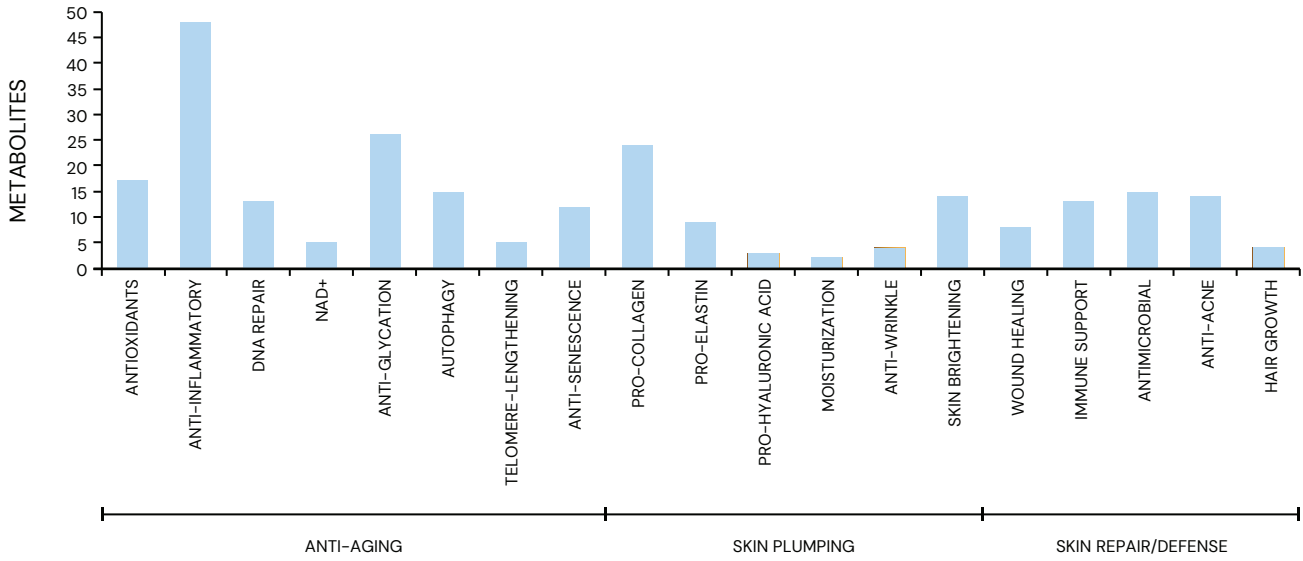
Anti-Senescence & Antioxidant Defense

- Vanillic Acid & Coniferyl Aldehyde** – Polyphenol antioxidant protection
- Trigonelline** – Environmental stress defense
- S-Methyl-L-Cysteine & Methionine** – Sulfur donors for detox support

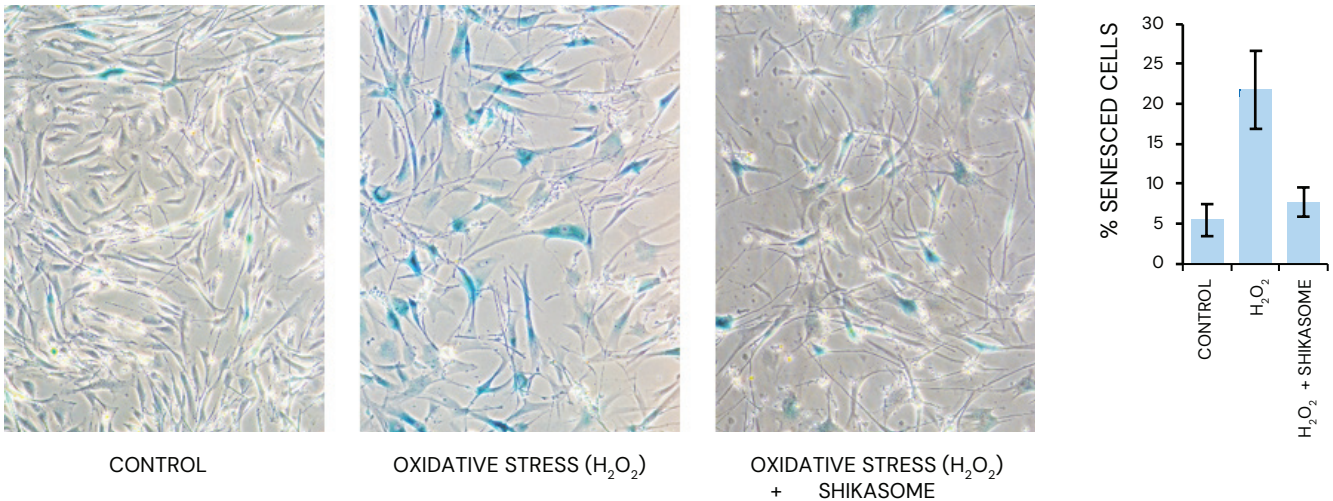
Barrier Repair & Acne Control

- 10-Hydroxy-2-Decenoic Acid** – Sebum balancing & antimicrobial support
- Lactic Acid** – Gentle resurfacing and hydration
- D-Saccharic Acid 1,4-Lactone** – Detoxification support
- Thiamine, Riboflavin, D-Pantothenic Acid** – Vitamin complex for clearer skin

In Vitro Testing Results



Using AI-modeling we have identified bioactive metabolites that are naturally found in Shikasome™ known to be involved in various beneficial activities to human skin.



Anti-aging effect of Shikasome™ on human skin cells. Human melanocytes were treated with hydrogen peroxide (H₂O₂) and stained with a senescence biomarker (blue). Graph shows the percent of stained (senesced) cells. Note the reduced number of senescent cells when Shikasome™ was added.

Advantages Over Human-Derived Exosomes

Shikasome	Human-derived exosomes
Plant-based	Human cell-derived
Non-immunogenic	Risk of immune response
Ethically sourced	Regulatory ambiguity
Stable & scalable	Batch variability
Vegan friendly	May not meet beauty standards
Accepted globally	Regulatory restrictions in some regions

Based upon in vitro testing. These statements have not been reviewed by the FDA. This product is not meant to diagnose, treat, cure, or prevent any disease