

TUCUM-HA EFX[®]

Amazonian hyaluronic acid booster



TUCUM-HA EFX

INCI Astrocaryum Vulgare Fruit
Oil (and) Jojoba Esters
(and) Sodium Hyaluronate

CAS N/A (and) 61789-91-1
#: (and) 9067-32-7

EC #: N/A (and) N/A (and) N/A

**Stimulates hyaluronic
acid synthesis**

**Increases skin
elasticity**

**Increase in lifting
effect of buttocks**

Significant hydration

Recommended Applications



Skin care



Body care



Hair care

TUCUM-HA EFX is a sustainable active ingredient fusion of Tucuma, Jojoba, and Hyaluronic Acid designed for ultimate deep skin hydration.

TUCUM-HA EFX is a groundbreaking blend of nature and innovation that combines deep hydration, powerful antioxidants, and sustainable sourcing to bring versatile benefits to the skin, hair, and body.

This ingredient comprises of a combination of tucuma oil, three molecular weights of hyaluronic acid, and jojoba esters, designed to deliver hydration and resilience to the skin.

TUCUM-HA EFX stimulates hyaluronic acid activity and decreases elastase activity, which both may help to promote skin firmness and elasticity. Clinical studies of this ingredient have been shown to increase skin elasticity, show measurable lift in the buttocks area, and improve hydration when used in a cream.

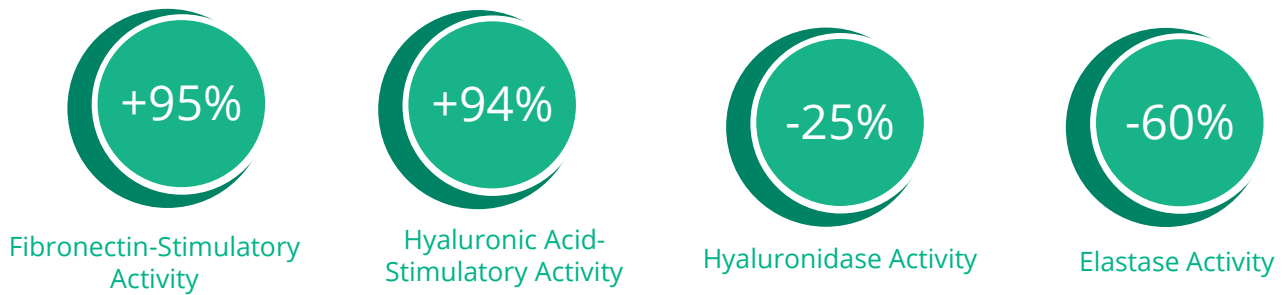
Both tucuma and jojoba esters are naturally sourced from sustainable practices while promoting responsible harvesting and processing.

TUCUM-HA EFX is a perfect blend of efficacy and naturality, and its versatility makes it suitable for various formulation applications.



Vantage[®]

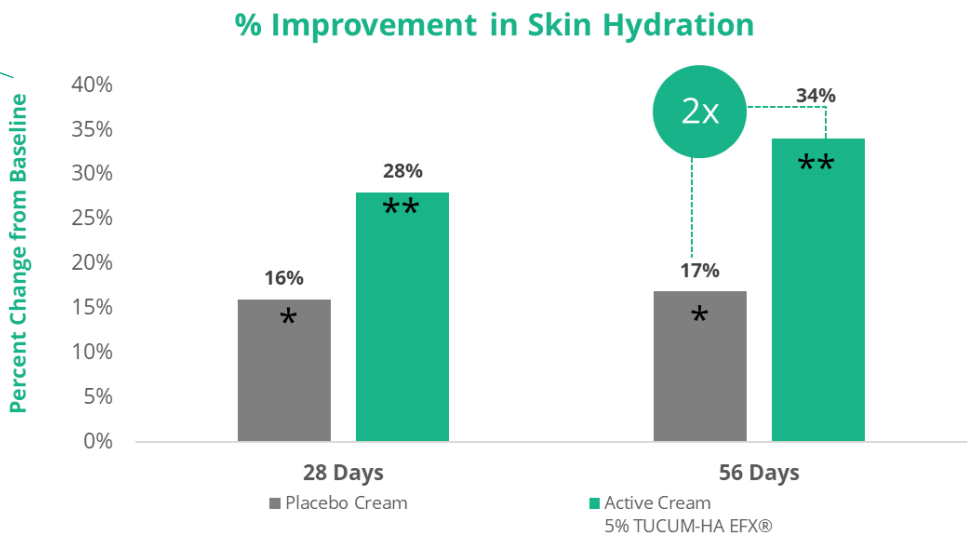
TUCUM-HA EFX®: *In vitro* Data



In vivo Hydration effect

2x increase in hydration:

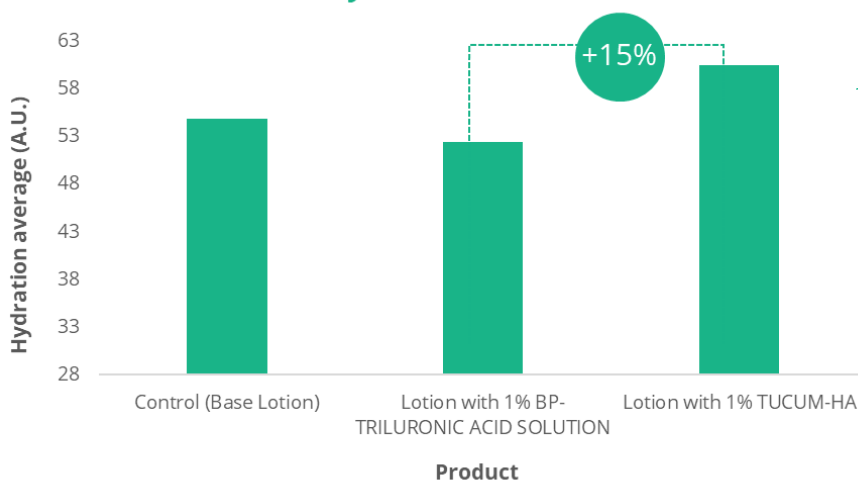
There was a significant increase in hydration on the legs after using cream with 5% TUCUM-HA EFX for 28 days vs baseline and after 56 days vs placebo cream.



** Statistically significant ($p < 0.0001$) vs Placebo and Baseline

* Statistically significant ($p < 0.0001$) vs Baseline

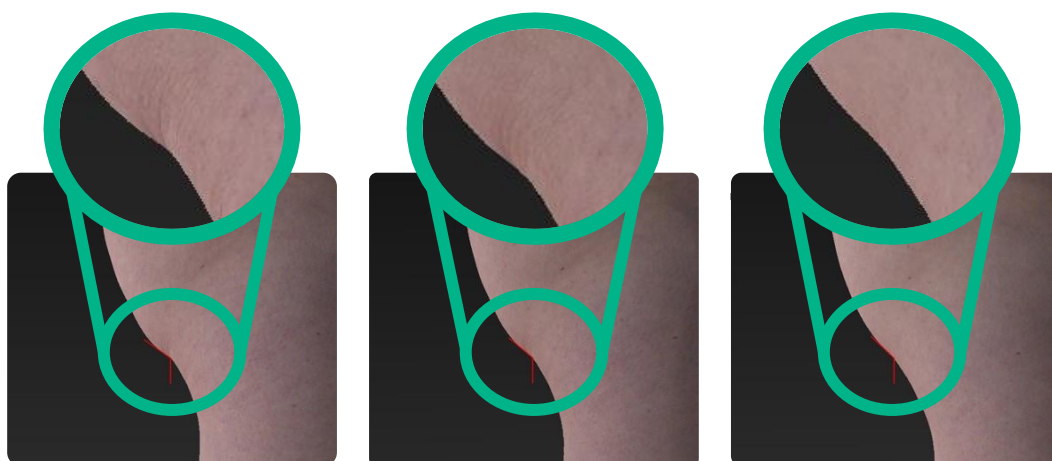
Skin Hydration - 15 Minutes



TUCUM-HA EFX improves hydration effect:

Lotion with 1% TUCUM-HA EFX shows more of a hydration effect than lotion with the same active level of hyaluronic acid. This indicates the optimized effect TUCUM-HA EFX has on hydration boost in formulation.

TUCUM-HA EFX®: *In vivo* lifting effect



After using cream with 5% TUCUM-HA EFX for 56 days, there was an **observed lift in the buttocks area**. Additionally, there was a **visible reduction in wrinkles** and skin folds in the crease area for this individual.



34 people participated in the study, using the active cream with 5% TUCUM-HA EFX on one side of their body and the control cream on the other side.

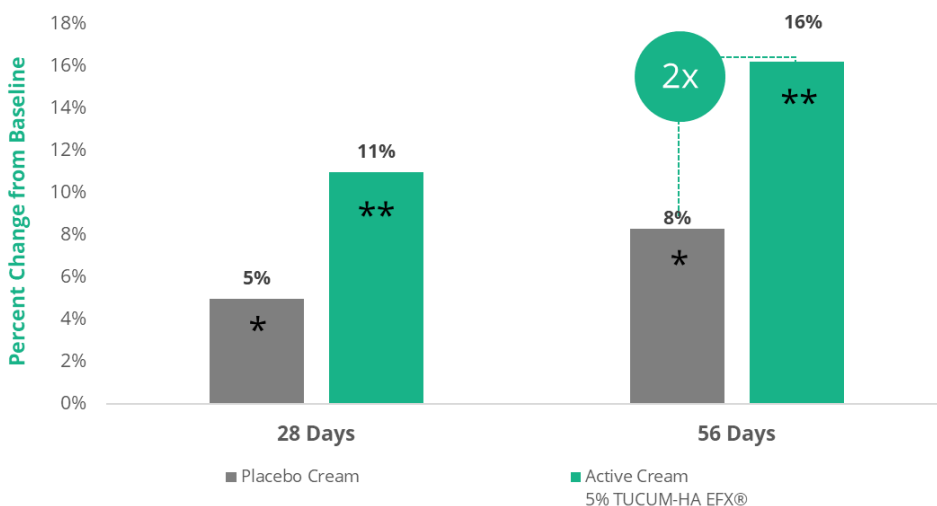
In vivo skin elasticity

2x Increase in skin elasticity:

There was a significant increase in skin elasticity on the arms and legs after using cream with 5% TUCUM-HA EFX for 28 days vs baseline and after 56 days vs placebo cream.

*Elasticity data for legs also increased 2x after 56 days of treatment with TUCUM-HA EFX cream.

% Improvement in Skin Elasticity- Arms



** Statistically significant ($p < 0.0001$) vs Placebo and Baseline

* Statistically significant ($p < 0.0005$) vs Baseline

Formulation Guidelines

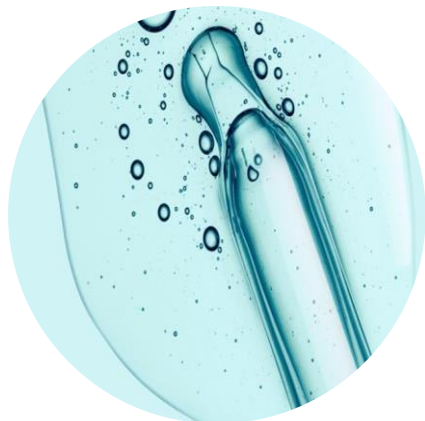
- Can be incorporated in the oil phase and heated up to 70-75°C until melted and uniform
- Should not be heated over 75°C for long periods of time
- Compatible with most oil phase ingredients, including other emollients, esters, butters, fatty alcohols, waxes
- Color of raw material may tint formulation

TUCUM-HA EFX®

Amazonian hyaluronic acid booster

INCI	Astrocaryum Vulgare Fruit Oil (and) Jojoba Esters (and) Sodium Hyaluronate
Appearance	Red/Orange to Yellow/Orange semi-solid wax
Recommended Use Level	3% to 5%
Shelf life	1 year
GMO status	Non-GMO
Origin	USA ISO 16128: Natural Origin Content 100%, Natural Content 67%

TUCUM-HA EFX Composition



Three molecular weights of **Hyaluronic Acid** for premium hydration.



Tucuma oil for excellent antioxidant properties and high levels of carotenoids.



Jojoba esters for restored skin barrier and deeper penetration.

Redefining Beauty with Ingredients that Care for People and our Planet

TUCUM-HA EFX Sustainability



TUCUM-HA EFX is more than just an ingredient; it is a symbol of environmental sustainability and social responsibility. Sourced from the heart of the Amazon rainforest in northern Brazil, this extraordinary fruit embodies the perfect balance between nature and economic development, ensuring that both the environment and local communities thrive.

This approach ensures that the forest remains standing while also generating income through the responsible and ethical collection of fruits and seeds. At the same time, it enables families to sustain their livelihoods while preserving one of the most biodiverse ecosystems on the planet.

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