

# SalSphere® Anti-Aging Lift (SS AAL)

Technology for instant and long-lasting reduction of the appearance of fine lines and wrinkles.

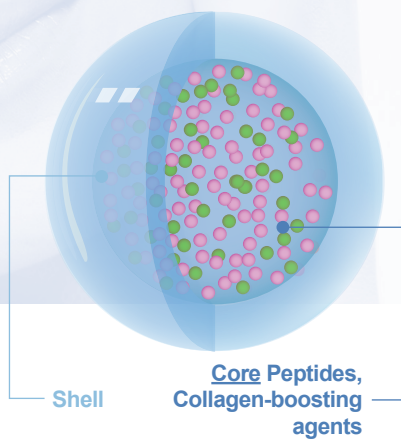


Figure 1: The sub-micron structure of SS AAL. Polymers and naturals in the shell support instant firming of skin.

SalSphere® Anti-Aging Lift is designed for consumers looking to see and feel immediate change. The cosmetic and sensory perception works to encourage the continuous use of the product until a structural change occurs from within, due to the collagen-boosting factors.



## BOTANICAL EXTRACTS & PEPTIDES

SS AAL contains two sets of ingredients. The first set consists of functional extracts, while the second group is a blend of anti-aging ingredients that work to boost collagen synthesis.

Set	Ingredients	(W/W %)
1 Skin-firming in the shell	Portulaca extract	Anti-inflammatory, rich in vitamins; interferes with Ca <sup>2+</sup> to relax facial muscles
	Ginseng extract	Anti-oxidant; blocks Na <sup>+</sup> channels to reduce muscle contractions
2 Collagen-boosting in the core	Alpha-lipoic acid	Anti-oxidant, anti-inflammatory
	Methylsulfonyl methane (MSM)	Maintains functionality of healthy cells and rebuilds connective tissue with elastic sulfur bonds
	Palmitoyl tripeptide	Stimulates collagen synthesis

Table 1: SS AAL ingredients all serve a distinct purpose.

## UNIQUE FEATURES

- INSTANT VISUAL EFFECT**  
Instantly reduces the appearance of wrinkles.
- SKIN FIRMING**  
Effects you can see and feel.
- LONG-TERM RESULTS**  
Delivery of effective collagen-boosting ingredients for long-lasting improvement of wrinkles.



# SalSphere® Anti-Aging Lift (SS AAL)

Technology for instant and long-lasting reduction of the appearance of fine lines and wrinkles.

## IMMEDIATE & VISIBLE FIRMING EFFECT

SS AAL visibly reduces the appearance of fine lines in as little as 10 minutes and yields a firming sensation that can be perceived long after application (Figure 2). In a consumer perception test, volunteers evaluated the firming intensity of a lotion containing SS AAL compared to the free ingredients in a lotion at the same concentration. Firming intensity was measured on a scale of 0-5, with 5 being the greatest sensation. The synthetic polymers work in synergy with botanical extracts to result in a firming sensation.

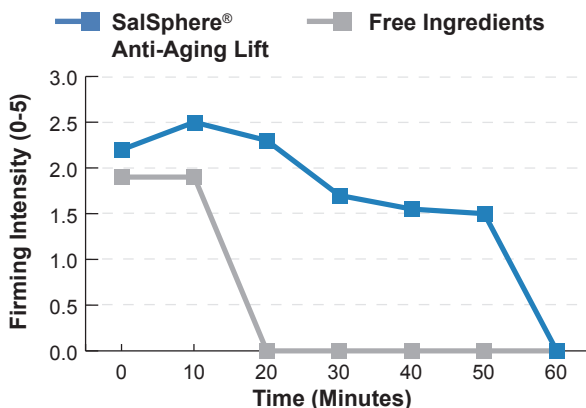


Figure 2: Consumer perception test evaluating the firming intensity of SS AAL in a lotion compared to the free ingredients in a lotion over a period of 60 minutes.

## ENHANCED PEPTIDE RESIDENCE

*In-vivo* studies have shown that SalSphere® technology significantly enhances peptide residence time on skin compared to free peptides (Figure 3).

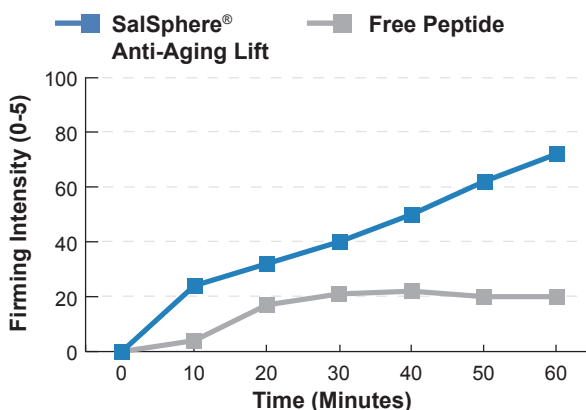
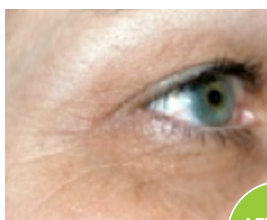
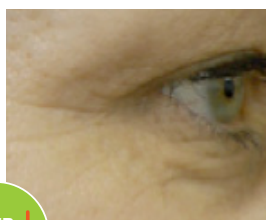


Figure 3: Amount of peptide that has accumulated on the skin over time. Ethanol skin extractions *in-vivo* and quantified by HPLC. SS AAL greatly outperforms free peptides, as free peptides have limited availability on the skin due to their hydrophilic nature.

Free Ingredients



SS AAL



AFTER 10 MIN.

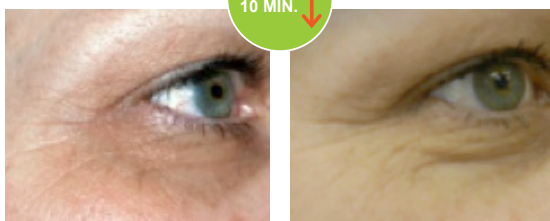


Figure 4: The visible reduction of fine lines by SalSphere® Anti-Aging Lift compared to the free ingredients.

## FORMULATION

Ingredients	(W/W %)
SalSphere® Anti-Aging Lift	5
SalSphere® Aqua Skin	2
Salvona Pre-Mix A #5019	20
DI Water	72
Preservative	1

## TECHNICAL DATA

Appearance @ 20°C	Opaque paste
Applications	Suitable for leave-on anti-aging applications such as creams, lotions, serums, and concealers
Color	Off-white
Odor	Characteristic
pH (1% Solution)	4.5 ± 1.5
Shelf Life (months)	18
Usage Level (wt%)	10
Storage (°C)	Closed container at 12-32°