

INCI: Jojoba Oil/Macadamia Seed Oil Esters, Squalene, Phytosteryl Macadamiate, Phytosterols, Tocopherol

L22[®]

- Botanical Equivalent of a Healthy 22-year-old's Skin Lipids
- Hydrates Skin Better than Common Emollients
- Improves Skin Elasticity and Firmness
- Improves Skin Barrier Recovery

Skin lipid components...



...balanced as they were at age 22

About L22[®]:

L22 is a botanical mimetic of a healthy 22-year-old's skin surface lipids.

Healthy skin produces lipids including wax esters, sterol esters, triglycerides, squalene, and sterols. The ratio of these lipid components changes with age.

Composed exclusively from botanical sources, L22 provides the same balanced skin-lipid profile of a healthy 22-year-old. The fatty acids of jojoba oil (wax esters) are interchanged with the fatty acids of macadamia oil (triglycerides) to form new wax esters and triglycerides with new fatty acid compositions. These new wax esters and triglycerides closely match those present in human skin surface lipids. This is then combined with olive-sourced squalene, plant sterols, and sterol esters. The result is a lipid composition similar to that found on healthy skin.



For more details, scan the QR code or visit: lipids22.com



The Natural Solution



Clinically Substantiated Claims

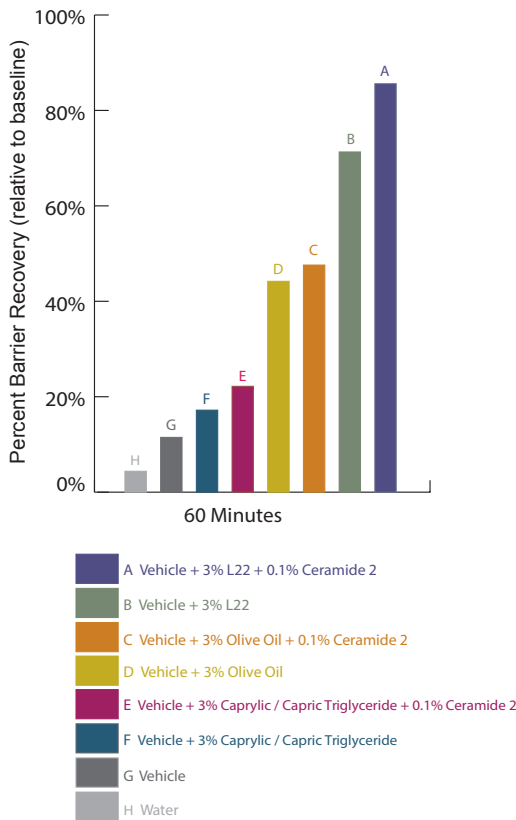
L22 improves the recovery of skin barrier function better than common emollients. Clinical studies show that L22 also increases the elasticity, firmness, and hydration of skin. Illustrated in the graphs, L22 produces far better results than common emollients in all categories tested.



L22 Poster

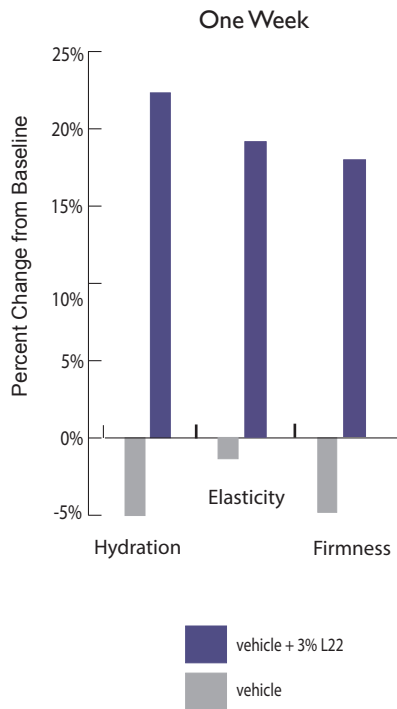
Barrier Recovery (Ceramide 2)

Claim Sheet: CS 12-047



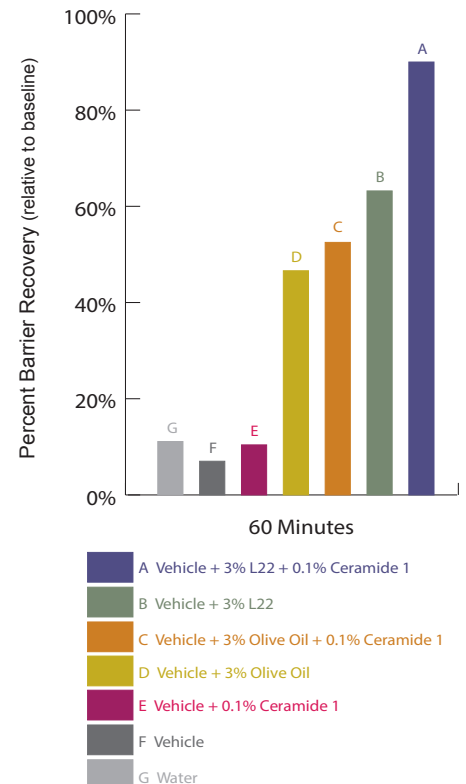
Improved Skin Hydration, Elasticity, and Firmness

Claim Sheets: CS 13-054, CS 13-055



Barrier Recovery (Ceramide 1)

Claim Sheet: CS 13-056



CS 12-047: L22, in a lotion, improves the recovery of skin barrier function better than common emollients with skin-lipid-like components.

CS 13-054 and CS 13-055: Daily use of L22, in a lotion, increases skin hydration and improves skin elasticity and firmness.

CS 13-056: L22, in a lotion, improves skin barrier recovery better than Olive Oil, a common emollient with skin-lipid-like components.

Applications	Typical Use Level
Skin Care	3 - 20%
Floritech Formulations	Formula Number
iSerum with L22	L042
L22 Night Repair Face Cream	L043
L22 Day Cream with Sunscreen Actives	L044

Demo Available

Visit: www.floritech.com/formulas

Global Regulatory Data

CAS: 97593-46-9, 111-02-4, 68990-51-2, 68555-08-8, 1406-18-4

EINECS: 307-351-1, 203-826-1, 273-605-2, 271-413-3, 215-798-8

EU REACH: Pre-Registered

China REACH: Pending

Japan: Allowed

Botanical Origin: Macadamia (*Macadamia integrifolia*), Jojoba (*Simmondsia chinensis*), Olive (*Olea europaea*)

Packaging: 5 kg (standard), 1 kg (optional)