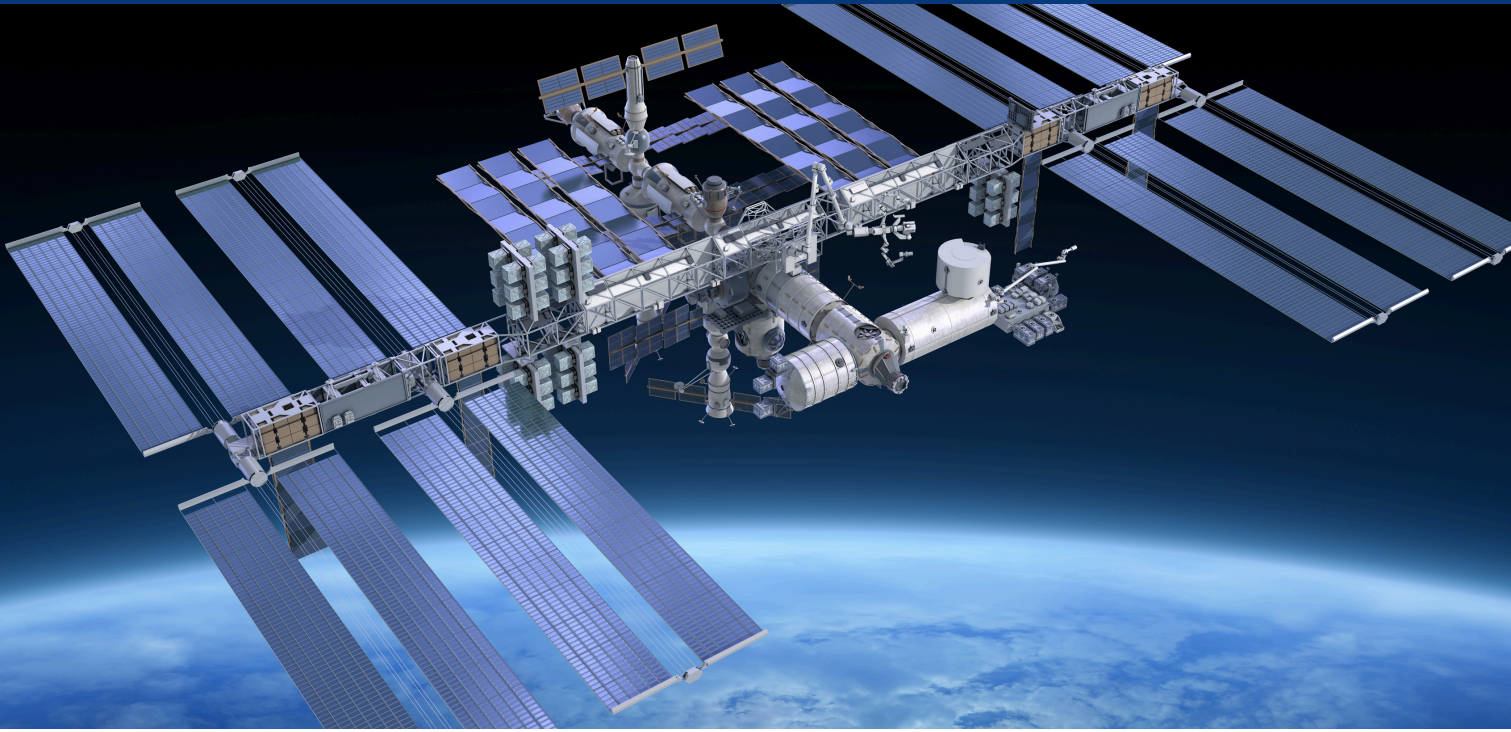


A natural, SPF-boosting, antioxidant additive for skin care products



DE LAVIE SCIENCES
Bacillus Lysate



"The Space Certified Technology™ trademark is used under license. All Rights Reserved.
www.Spacecertification.org

A novel ingredient from space technology

The Space Foundation, the leading non-profit industry association for recognizing companies that support manned and unmanned missions, has certified Bacillus Lysate as a space-certified technology derived from the space program.

Through a co-operative agreement with government agencies, a unique biological isolate was obtained and developed into a product that demonstrates the ability to safely absorb/block UV radiation. This novel ingredient, known as Bacillus Lysate, is derived from an isolate that first developed resistance to UV radiation as a result of prolonged exposure on the exterior of the international space station

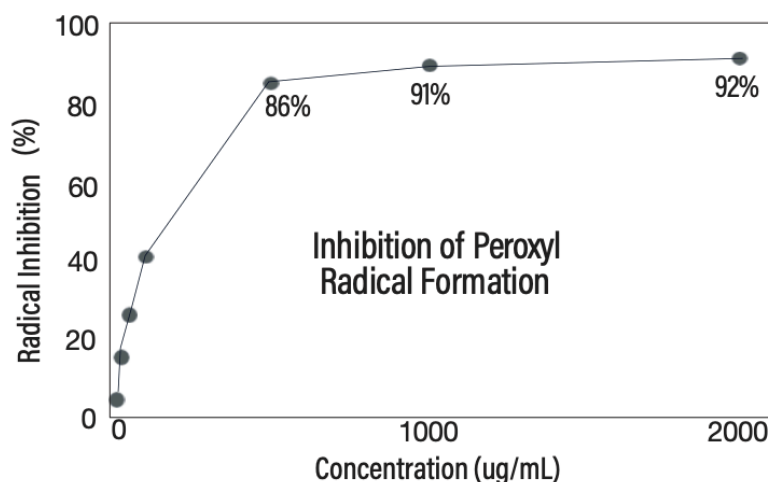
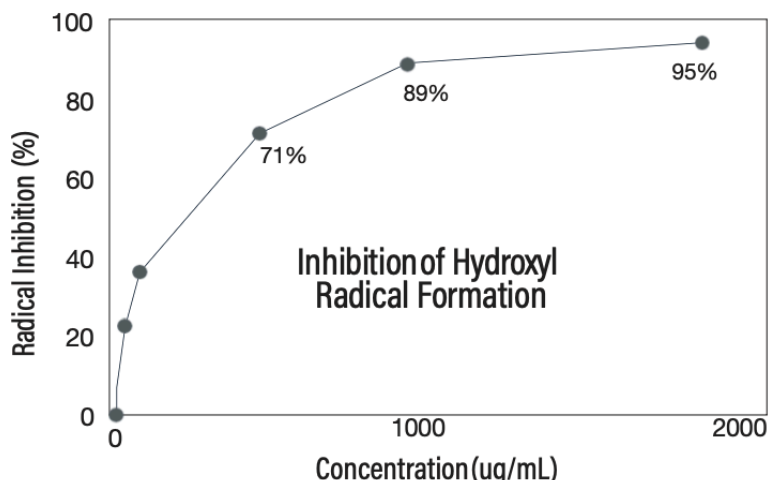
Bacillus Lysate has significant UV-shielding properties in greater ranges than most UV filters. Bacillus Lysate's broad-spectrum technology demonstrates absorbing/blocking properties in the HEV and near IR wavelengths.

As the first cosmetic product certified by the Space Foundation, Bacillus Lysate is a safer, natural alternative to the harmful chemicals used in most sunscreens.

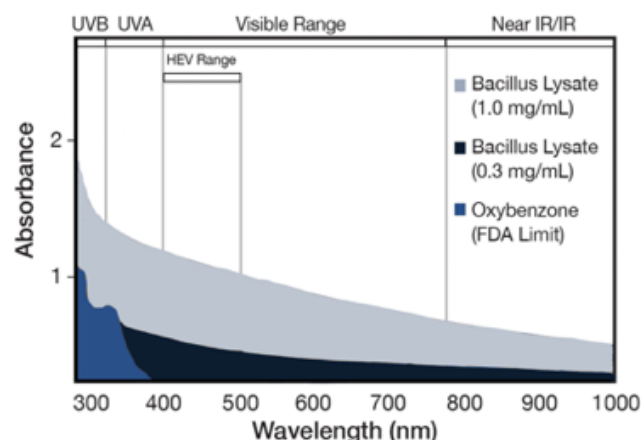
Study Results

- Increases broad-spectrum UV-absorbing properties of consumer products
- Provides a safe, natural alternative to chemicals that may negatively impact human health and the environment
- Supports a healthy scalp and skin microbiome

ANTIOXIDANT PROPERTIES OF BACILLUS LYSATE

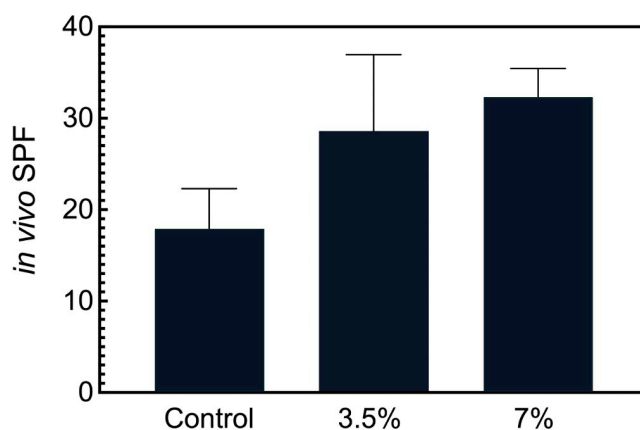


BACILLUS LYSATE COMPARED TO OXYBENZONE



- Testing was conducted using a 96 well microtiter plate reader and confirmed via third party using a Shimadzu UV-3600 UV-VIS-NIR spectrophotometer. Bacillus Lysate samples were suspended in diH₂O.
- Oxybenzone concentration is the FDA-established limit as an additive to skin care products.

SPF BOOSTING WITH BACILLUS LYSATE



Disclaimer: Opinions and statements are based on current conditions, constitute our judgment, and are subject to change without notice. We believe the information provided here is correct but should not be assumed to be accurate or complete. We encourage all parties to make independent investigations before acting on information that we provide. Past performance is not necessarily indicative of future results.

Product Applications

Lotions
 Serums
 Creams
 Balms
 Gels
 Sticks
 Sprays
 Hair care products
 Face Wash/scrubs



DELAVIE SCIENCES
Delavie Sciences LLC

An EdenRoc Sciences Company

info@delaviesciences.com

(508)-549-8803