

CONTACT
INFORMATION _____

“With the Pharmanex BioPhotonic Scanner, it will be very difficult for any competitor to match the Pharmanex differentiation proposition for distributors and consumers alike.”

— JOSEPH CHANG, PH.D
CHIEF SCIENTIFIC OFFICER AND EXECUTIVE VICE PRESIDENT

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PHARMANEX® BIOPHOTONIC SCANNER





LIGHT, INNOVATED

The patented Pharmanex BioPhotonic Scanner is a cutting edge testing tool that non-invasively measures carotenoid levels in living tissue, providing an immediate indication of a person's overall antioxidant levels. Everyone can instantly know their own antioxidant status. This empowers individuals to make improvements to their diet and lifestyle, and helps them make informed decisions on which supplements are properly formulated to impact their antioxidant health.



THE FREE RADICAL PROBLEM

Each day we are exposed to free radicals. Many of the physical effects we call aging are a result of free radical damage. You receive free radical damage every single day, no matter how healthy you try to be.



When left unchecked, free radical damage to your cells accumulates and can lead to serious health concerns later in life. In fact, free radical damage can cause premature aging and is a large factor in the deterioration of health over time.

FREE RADICAL DAMAGE

A visual example of free radical damage happens when you slice an apple and it turns brown. This natural process is called oxidation. Oxidation occurs as oxygen interacts with cells of any type – such as an apple slice.

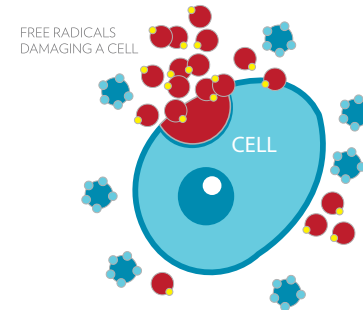


NATURE'S SOLUTION

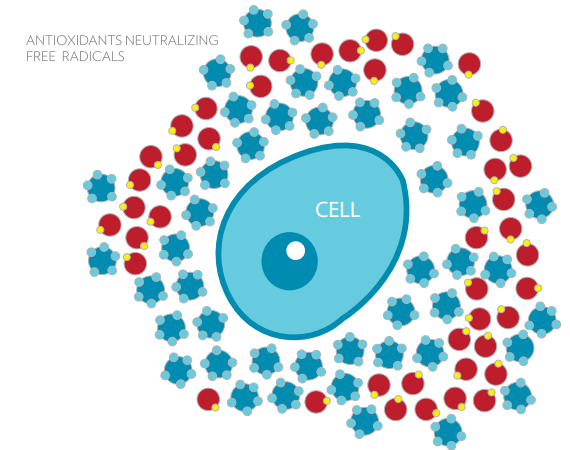
Antioxidants are your first defense against free radicals—they freely share their electrons and stop the degenerative chain reaction of free radicals. Our bodies naturally generate some antioxidants, however, new research shows additional sources of antioxidants may provide added protection against a growing onslaught of free radical invaders.



FREE RADICAL DAMAGE



ANTIOXIDANT PROTECTION



HOW DO I PROTECT MYSELF FROM FREE RADICALS?

To protect yourself from free radicals, you should develop and maintain a healthy lifestyle. You can limit the effects of free radicals by doing the following:



WHAT ARE CAROTENOIDS?

Carotenoids are an important category of antioxidants; they are primarily responsible for the reds, oranges and yellows we see in fruits and vegetables. In our bodies, non-carotenoid antioxidants rely on carotenoids to defend and replenish themselves so that they can continue their cell protective work.



“Our understanding of antioxidants and their effect on overall health has dramatically increased through the use of the Pharmanex Biophotonic Scanner. Since its inception in 2003, thousands of people have been empowered to make better life choices through the personalized feedback they receive from the Scanner.”

JOSEPH CHANG, PH.D. CHIEF SCIENTIFIC OFFICER AND EXECUTIVE VICE PRESIDENT, NU SKIN ENTERPRISES

HOW DO I KNOW MY SUPPLEMENTS ARE WORKING?

The answer is the Pharmanex® BioPhotonic Scanner. Pharmanex® was the first nutritional supplement company to provide you with a non-invasive, fast, and convenient way to determine your antioxidant status—and to learn if your supplements are actually working for you.



HOW DOES THE SCANNER WORK?

The Pharmanex BioPhotonic Scanner is the world's first measuring tool that gives you a Skin Carotenoid Score (SCS)—immediate evidence of carotenoid antioxidant activity in your body. When you place the palm of your hand in front of the scanner's safe, low-energy blue light, within seconds you will obtain a reading of the carotenoid antioxidant levels in your skin. Your Skin Carotenoid Score (SCS) has been scientifically correlated to overall antioxidant status.

The technology of the Pharmanex BioPhotonic Scanner is based on an optical method known as Resonant Raman Spectroscopy, which has been used for many years in research laboratories.

The Scanner measures carotenoid levels in human tissue at the skin surface using optical signals. These signals identify the unique molecular structure of carotenoids, allowing their measurement without interference by other molecular substances and providing the person being measured with their own SCS.

In less than one minute you can find out if your diet, lifestyle and supplements provide the antioxidant protection you need for promoting health.



WHAT DOES THE SCANNER MEASURE?

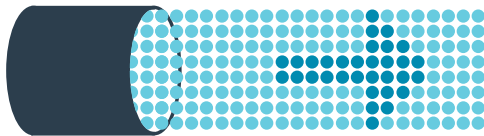
The Scanner technology works on the principle of light and the fundamental particle of light is a photon.



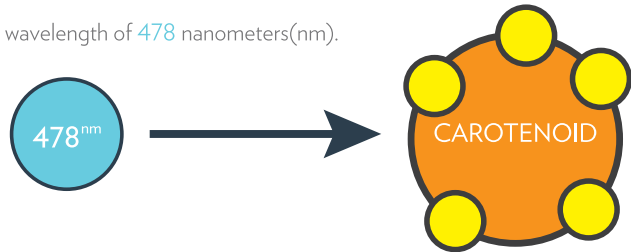
White light has photons of different wavelengths, which are represented by colors.



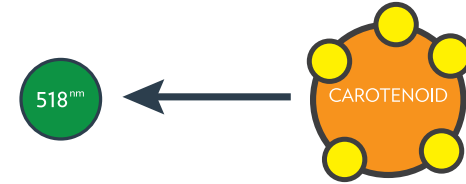
The Scanner produces a narrow beam of light in which all of the photons are the same color-blue.



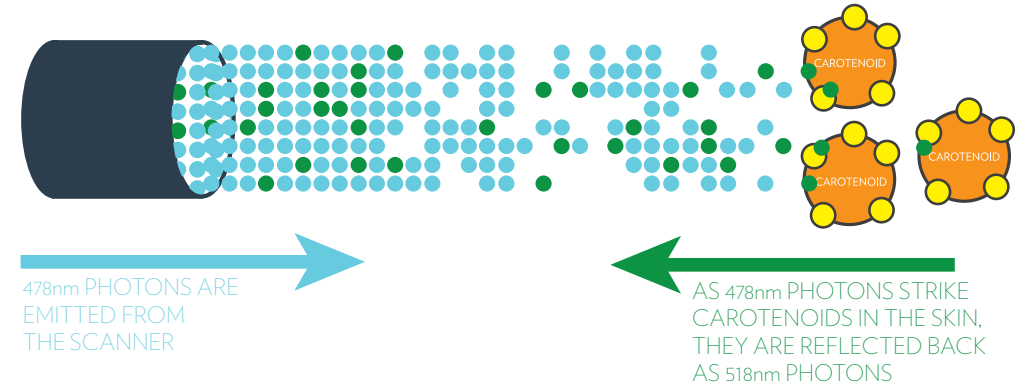
The blue light has a wavelength of 478 nanometers(nm).



When a 478 nm photon of light comes into contact with a carotenoid, something interesting happens. The energy level of a 478 nm photon shifts to 518 nm, the wavelength associated with green light. The only molecule in nature that can shift a 478 nm photon to a 518 nm photon is a carotenoid.

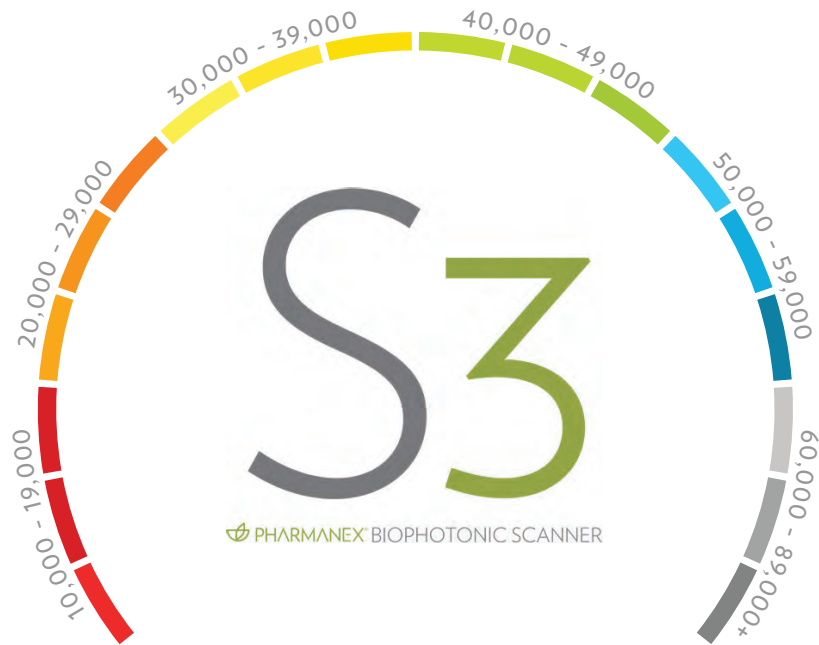


As 478 nm photons strike carotenoids in the skin, they are reflected back as 518 nm photons. This is how the carotenoid concentration in your skin is measured. Because the number of photons reflected at the 518 nm wavelength is proportional to the concentration of carotenoids in the skin, the green photons are then counted to calculate an individual's SCS.



YOUR CAROTENOID SCORE

WHAT DOES MY SCORE MEAN AND HOW DO I IMPROVE IT?



WHAT'S MY SCORE?

DATE _____

WHAT DO YOUR RESULTS MEAN?

WITH THE SCANNER YOU CAN EASILY TRACK **LIFESTYLE IMPROVEMENTS** OVER TIME.

FACTORS **TYPICALLY** ASSOCIATED WITH SCANNER SCORES

DIETARY HABITS 🍏

SUPPLEMENT INTAKE 🍷

LIFESTYLE CHOICES 🏃

BODY COMPOSITION 📏

LOW INTAKE OF FRUITS/VEGETABLES

IRREGULAR OR NO SUPPLEMENTATION

HIGH STRESS
HIGH SUN, POLLUTION, OR SMOKE EXPOSURE
FREQUENT AIR TRAVEL

HIGH BMI
LOW CAROTENOID ABSORPTION INTO TISSUE

MODERATE INTAKE OF FRUITS/VEGETABLES

REGULAR SUPPLEMENTATION

MODERATE STRESS
MODERATE SUN, POLLUTION, OR SMOKE EXPOSURE
OCCASIONAL AIR TRAVEL

NORMAL OR **HIGH** BMI
AVERAGE CAROTENOID ABSORPTION INTO TISSUE

ABOVE AVERAGE INTAKE OF FRUITS/VEGETABLES

DEDICATED SUPPLEMENTATION

LOW/MANAGED STRESS
OCCASIONAL SUN, POLLUTION, OR SMOKE EXPOSURE
INFREQUENT AIR TRAVEL

NORMAL BMI
ABOVE AVERAGE CAROTENOID ABSORPTION INTO TISSUE



NUTRITION PERSONALIZED

SCIENCE AND TECHNOLOGY FOR THE FUTURE

CUTTING EDGE

Using optical signals obtained through Nobel prize-winning technology called Resonant Raman Spectroscopy, you can get a reading of the carotenoid antioxidant levels in your skin (SCS), which has been scientifically correlated to total antioxidant status.

PROVEN

Over 50 peer-reviewed articles validate the science behind the Scanner.

THE LIMITLESS FUTURE

We are at the forefront of a technology that can become an everyday tool for supporting health and well-being. Imagine the possibilities:

- Smaller Devices
- Faster Devices
- More Portable
- More Personalized
- Domestic Use
- Health Awareness

SCIENCE BASED AND CREDIBLE

Raman Spectroscopy has been adapted for biological measurements and is an established scientific discipline backed by years of research. Pharmanex is the exclusive owner of the patented, BioPhotonic Scanner technology. The Scanner is the world's first and only tool that measures carotenoid antioxidant levels non-invasively in living human tissue. It is validated by years of research, and there are over 50 full-length peer-reviewed articles on key studies using this device. Demonstrations of the scanner have been presented at a number of prestigious scientific meetings and conferences all over the world.

This technology is only available for use by the general public through the Pharmanex network of independent distributors.

WHAT YOUR SCS MEANS

The measurement of your Skin Carotenoid Score (SCS) by the Pharmanex® BioPhotonic Scanner is a convenient and useful indication of tissue carotenoid concentrations and provides a good indication of antioxidant status and oxidative stress in the body.*

Your SCS is reflective of long-term lifestyle habits, and is not subject to significant changes during short periods of hours or days. Scanning every 6-8 weeks is ideal to help you determine whether you are consuming an adequate amount of antioxidant containing nutrients. *

*The BioPhotonic Scanner has not been evaluated or approved by the FDA and is not intended to diagnose, predict, treat, cure or mitigate any disease.



THE 6S PROCESS

THE HIGHEST QUALITY AVAILABLE

1

SELECTION

We work with experts and raw material suppliers around the world to gather both historical and new scientific insights about the unique ingredients considered for our products.



2

SOURCING

Once a raw material selection is made, Nu Skin scientists investigate potential commercial sources that can guarantee availability, quality, and concentration of key ingredient components.



3

SPECIFICATION

We set specifications to provide a basis for active compounds, ingredients, and criteria for finished products. These criteria help establish ingredient standards, and guide consistent manufacturing.



4

STANDARDIZATION

We formulate products to contain ingredients shown to be efficacious. Once manufactured, products are tested to meet their finished good specifications before leaving the manufacturer.



5

SAFETY

We adhere to high product safety standards by reviewing scientific literature and conducting standard safety studies, like testing for the presence of microbes, heavy metals, and other contaminants.



6

SUBSTANTIATION

We take great care to ensure that our final products and ingredients are not only safe to consume, but also effective. Each product claim is supported by scientific literature and/or research studies.



ADDED SUBSTANTIATION



Not only does the Scanner undergo the same 6S Process, it provides **substantiation** and proof of **efficacy** for our SCS certified products.



HOW DO YOU IMPROVE YOUR RESULTS?

SUPPLEMENTING WITH PHARMANEX® PRODUCTS



Increase your antioxidant protection by making a commitment to healthy lifestyle changes and supplementing your diet with Pharmanex products. Begin with ageLOC® Youth and the LifePak® product that fits your needs, and then choose from the finest nutritional products available.



ageLOC Youth, ageLOC Y-Span (CA only)
- A Revolutionary supplement that helps revitalize your aging defense mechanisms.

US 01 003763 CA 02 003763



LifePak Women - Comprehensive formula of vitamins, minerals, and antioxidants especially developed for women in their child bearing years.*

US 01 003486 CA 02 003486



LifePak Nano, LifePak N (CA only) - Designed to be the most scientifically advanced anti-aging supplement for adults.*

US 01 003610 CA 02 003610



G3 - Lipocarotenes® that provide powerful antioxidant protection and support a healthy immune function.*

2 bottles US 01 003648 CA 02 003648

G3 Pouches US 01 003698 CA 02 003698



LifePak - Antioxidants, vitamins, minerals and phytonutrients to support anti-aging benefits.*

US 01 003680 CA 02 003680



Eye Formula - Provides total protection of the macula, and helps maintain healthy antioxidant levels.*

US 01 003747 CA 02 003747



LifePak Prime - Provides an array of vitamins, minerals, and antioxidants.*

US 01 003485 CA 02 003485



Jungamals SCS - Vitamins, minerals, and beneficial antioxidants essential for young, growing bodies.*

US 01 003705

*These statements have not been evaluated by the FDA or Health Canada. These products are not intended to diagnose, treat, cure, or prevent disease.



IF YOU CAN'T MEASURE IT, IT'S NOT SCIENCE

Every aspect of Pharmanex is deeply rooted in the science of better health and supporting your efforts to lead a life full of vitality. Pharmanex is the difference demonstrated—in our research, in our technology, and in our products—because improving your life is our number one concern.

OUR RISK-FREE SCS GUARANTEE

Choose an SCS Certified product, add it to your monthly Automatic Delivery Rewards (ADR) and watch your SCS improve! Use the Pharmanex BioPhotonic Scanner to provide immediate evidence of your carotenoid antioxidant level. We will refund your money if your SCS does not improve after taking the SCS Certified product at the recommended dosage for 60 days (Eye Formula 90 days).

For more information visit nuskin.com/product_guarantee.



AWARDS



Nu Skin's Pharmanex S3 BioPhotonic Scanner was awarded by Business Intelligence Group as a 2015 Top Innovation.



The S3 BioPhotonic Scanner won a Consumer World Award for Product of the Year.



Nu Skin won a 2014 bronze award for the Pharmanex BioPhotonic S3 Scanner from IDEA.

PHARMANEX[®] BIOPHOTONIC SCANNER S3 LIGHT, INNOVATED

