CLINICALLY-RESEARCHED

Spectra™ is the new standard in antioxidant health providing scientific validation on how fruits, vegetables and herbs positively impact physiological functions in the human body

Spectra has been show in humans to decrease free radical concentrations and naturally increase NO levels

Spectra™

Spectra™ is the new standard in antioxidant health, providing an understanding of how fruits, vegetables and herbs positively impact physiological functions in the human body.

LEARN MORE AT ANTIOXIDANT-ACTION.COM

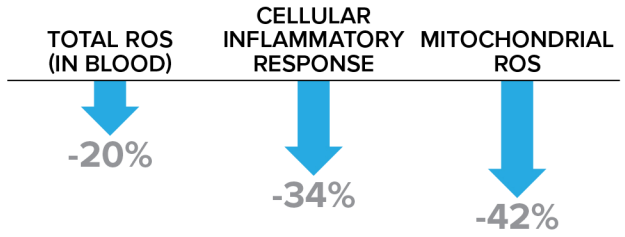
FUNCTIONAL RESEARCH SUMMARY

Spectra™ has been shown to decrease free radical (ROS) concentrations and production for two hours post-ingestion.*

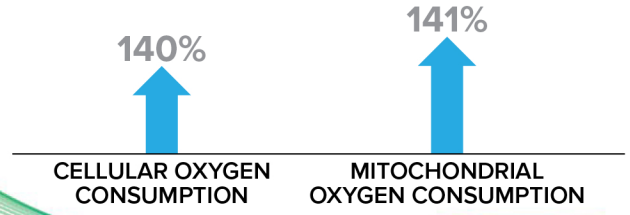
Free radical production, especially during exercise, can result in increased muscle inflammation and damage.

Spectra™ has been shown to uncouple the direct correlation between increased oxygen use and free radical production by increasing cellular and mitochondrial oxygen consumption while minimizing ROS. In this way, Spectra™ supports healthy cellular function in humans.†

STIMULATE ANTIOXIDANT ACTIVITY WITHIN THE HUMAN BODY



SUPPORT EFFICIENT CELLULAR OXYGEN CONSUMPTION



ANTIOXIDANT ACTION. NOT JUST POTENTIAL.

Many fruit, vegetable and herbal concentrates and extracts have focused on antioxidant potential. However, science has struggled to prove the correlation between ORAC value and antioxidant activity in humans ... until now.

** Nemzer, Fink, and Fink (2014). New insights on effects of a dietary supplement on oxidative and nitrosative stress in humans. Journal of Food Science and Nutrition. doi: 10.1002/fsn3.178*

†These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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FUNCTIONAL RESEARCH REPORT: Spectra™

New insights on effects of a dietary supplement on oxidative and nitrosative stress in humans

Boris V. Nemzer, Nelli Fink & Bruno Fink

Food Science & Nutrition 2014 Nov; 2(6): 828–839.

DOI: 10.1002/fsn3.178

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Conclusions

For the first time, we have measured synergetic, biological effects of a natural supplement on changes in OSM and cellular metabolic activity. The unique design and activity of the plant-based natural supplement, in combination with the newly developed and extended Vitality test, demonstrates the potential of using dietary supplements to modulate OSM and also opens the door to future research into the use of natural supplements for supporting optimal health.

2 groups of individuals randomized and blinded to treatment (13 females/9 males).

1. Spectra
2. Control

Clinical Dose: 100 mg

Results:

- Reduced total ROS in blood **20%** (2 hrs post-ingestion)
- Increased cellular oxygen consumption by **140%** (1 hr post-ingestion)
- Reduced Cellular inflammatory response by **34%**
- Increased mitochondrial oxygen consumption **141%** (1hr post-ingestion)
- Reduced Mitochondrial ROS by **42%** (2 hrs post-ingestion)
- Increased blood circulating nitric oxide (NO) **64%**