

ResCu-SR™

Introduced 2012



What Is It?

ResCu-SR™ offers a unique combination of highly bioavailable, sustained-release resveratrol and curcumin to support longevity, and overall health.*

Uses For ResCu-SR™

Overall Health: Resveratrol and curcumin have each been the subject of over 4,000 studies and are among the most extensively researched polyphenols. An emerging body of clinical evidence also reveals a progressive convergence of clinical indications for these compounds. Both curcumin and resveratrol are widely recognized approaches to longevity, cardioprotection and neurological health. Recent mechanistic studies have characterized functional synergy and cooperativity in antioxidant activity, signal transduction and gene expression.*

Innovative sustained-release delivery technology

ResCu-SR™ was developed using a proprietary MicroActive® delivery technology that renders a soluble, sustained-release resveratrol (MicroActive® resveratrol) and a soluble micronized curcumin (MicroActive® curcumin). Superior solubility and absorption performance have been confirmed in dissolution studies and pharmacokinetic trials of both compounds. The MicroActive® technology is a patented delivery system that improves solubility, reduces particle size, improves absorption and provides sustained-release of polyphenols. In a human pilot study, peak plasma resveratrol and area under the curve (AUC) values were 250% greater with MicroActive® Resveratrol compared to an equivalent dose of 98% pure resveratrol. Superior plasma concentrations remained after a 9-hour period (Figure 1).* In a separate human trial, peak plasma curcumin levels were 4 to 60-fold greater with MicroActive® Curcumin compared to an equivalent dose of a standard 95% curcumin preparation (Figure 2). Superior plasma concentrations remained after a 9-hour period.*

What Is The Source?

Resveratrol is synthetic. Curcuminoids are derived from *Curcuma longa* (turmeric) extract (root).

Are There Any Potential Drug Interactions?

Resveratrol and curcuminoids may be contraindicated with blood thinning medications. Consult your physician for more information.

Are There Any Potential Side Effects Or Precautions?

If pregnant or lactating, consult your physician before taking this product. It is recommended to use resveratrol cautiously in patients with hormonal disorders and those using estrogen therapy, as resveratrol may act as either an estrogen agonist or estrogen antagonist. Turmeric can cause nausea or diarrhea in some individuals. It is not recommended for individuals with biliary obstruction. Consult your physician for more information.

Superior bioavailability of MicroActive® Resveratrol*

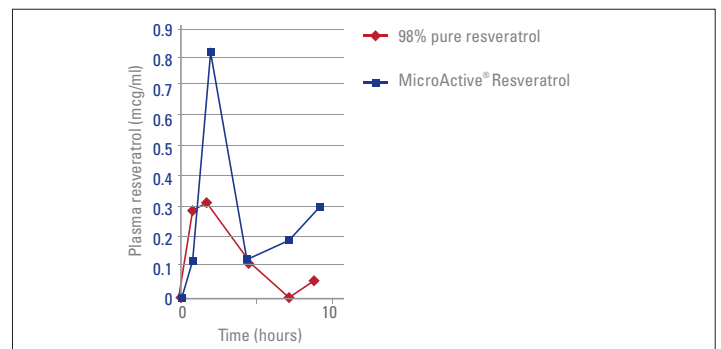


Figure 1. In a human pilot study, peak plasma resveratrol concentrations were 2.5-fold greater following a single dose of MicroActive® Resveratrol compared to standard 98% pure resveratrol. After 9 hours, plasma resveratrol levels were 6-fold greater with MicroActive® Resveratrol.*

Superior bioavailability of MicroActive® Curcumin*

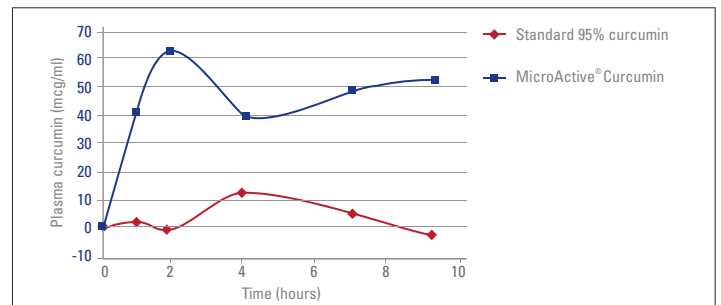


Figure 2. In a human pilot study, a single dose of MicroActive® Curcumin increased plasma curcumin to levels exceeding those achieved with a standard 95% curcumin by 4 to 60-fold over a 9-hour period.*

Recommendations

Pure Encapsulations recommends 1–2 capsules daily, with meals.

ResCu-SR™

each vegetarian capsule contains 00

trans-resveratrol (from MicroActive® resveratrol sustained-release complex).....100 mg
 curcuminoids (from MicroActive® curcumin sustained-release complex).....50 mg
 other ingredients: cellulose, silica, potato starch, carnauba wax, polysorbate 80, isopropyl myristate, sodium alginate, vegetarian capsule (cellulose, water)

1–2 capsules daily, with meals.

The ResCu-SR™ trademark is used by Pure Encapsulation under license.