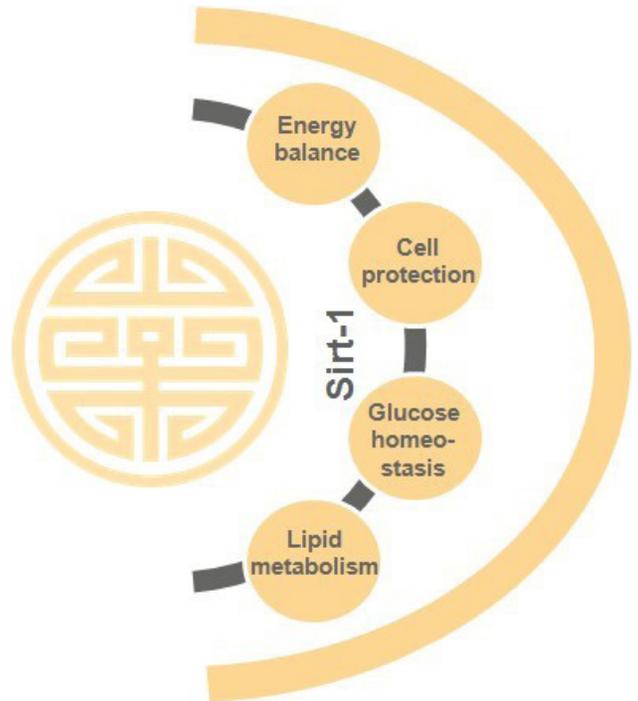




The Innovation for Healthy Metabolic Aging

- ▶ **Careflow™** has been shown in human studies to support improved microcirculation and glucose metabolism.^{1,2}
- ▶ **Careflow™** has been shown to increase eNOS (endothelial nitric oxide synthase) for optimal Nitric Oxide Function.¹
- ▶ **Careflow™** is the first scientifically-proven and IP-protected ingredient that helps you care less about aging and body weight while delivering the great taste and pleasure of exotic mango fruits.
- ▶ **Careflow™** mimics caloric restriction, which has been shown to be one of the most effective means for slowing the pace of aging.
- ▶ **Careflow™** activates the enzyme SIRT 1, the master sensor that detects dietary intake and modulates metabolic processes which promotes energy homeostasis and cell protection.
- ▶ **Careflow™** is a high quality, sustainable natural ingredient.
- ▶ **Careflow™** may be used in dietary supplements, foods and beverages at a recommended dose of 100-300 mg/day



Qualifies for the Following Concepts:

- ✓ **Healthy body composition**
- ✓ **Improvement of physical energy and muscle mass**
- ✓ **Cell protection and DNA repair**
- ✓ **Supports the aging heart**
- ✓ **Promotes improved blood flow and microcirculation**
- ✓ **Supports healthy nitric oxide function**
- ✓ **Supports healthy glucose metabolism**

Careflow™ is a trademark of Vital Solutions GmbH, Germany

1. Gerstgrasser A et al. In vitro activation of eNOS by *Mangifera indica* (Careflow™) and determination of an effective dosage in a randomized, double-blind, human pilot study on microcirculation. *Planta Med.* 2016;82(4):298-304.
2. Buchwald-Werner, et al. Effects of *Mangifera indica* (Careflo) on Microcirculation and Glucose Metabolism in Healthy Volunteers. *Planta Med.* 2017;83(10):824-829.



Product Information

- ▶ **Careflow™** is obtained from a special variety of Mango.
- ▶ Mango, *Mangifera indica*, is a member of the family Anacardiaceae and originates from an area between Assam in India and Myanmar.
- ▶ **Careflow™** is a 100% pure Mango fruit powder obtained from fruits harvested at a specific degree of ripeness – validated for efficacy.
- ▶ **Careflow™** has a pleasant taste and is a fine yellow powder.
- ▶ **Careflow™** complies with highest quality and traceability standards.
- ▶ **Careflow™** production facility and manufacturing process complies with the highest international standards of safety, hygiene and quality control: ISO-9001:2008 and GMP.
- ▶ **Careflow™** is made in Germany and released by Swiss quality control.



Specifications:

Appearance:	Fine yellow powder
Solubility:	Not soluble in water
Loss on drying:	< 5.0%
Particle size:	>95%: < 160 µm
Bulk density:	0.4-0.6 g/ml
Tapped density:	0.5-0.7 g/ml
pH:	3.1-4.8 10% water solution
Foreign matter:	not detected
Total fiber:	> 17%
Pesticides (EC 396/2005, EU 441/2012):	Complies
Heavy metals EC 1881/2006):	Complies
Microbiology (Eur Ph 7ed. Cat.5.1.4):	Complies