

# Ester-C® & flavonoids

Vitamin C enhanced with flavonoids for antioxidant, immune and vascular support†

## INDICATIONS

- Ages 9 and up
- Immune and vascular support†

## BENEFITS

- Promotes healthy immune system function†
- Supports healthy vascular integrity†

## FEATURES

- Easy-to-absorb, enhanced-retention form of vitamin C
- Includes quercetin and rutin to synergistically complement vitamin C
- Made with high-quality vegan ingredients backed by verifiable science

## VERIFIABLE SCIENCE

Ester-C® & flavonoids offers a blend of Ester-C® and flavonoid compounds to provide vitamin C support for healthy immune and cellular function as well as blood vessel integrity.<sup>1,2</sup> Ester-C®, consisting primarily of calcium ascorbate, is a natural, non-acidic water-soluble form of vitamin C that is distinguished by its unique biological activity.<sup>3</sup> In a double-blind, placebo-controlled, crossover trial, Ester-C supplementation resulted in significantly higher white blood cell vitamin C concentrations compared to standard ascorbic acid at 8 hours and remained elevated at 24 hours.<sup>4</sup> The bioflavonoids quercetin and rutin are free radical scavengers that complement the roles of vitamin C. Quercetin helps maintain healthy mast cell function and moderate healthy leukotriene and prostaglandin metabolism.<sup>5</sup> Preclinical data show that rutin supports blood vessel integrity and healthy cell function.<sup>6,7</sup>

## SUGGESTED USE

As a dietary supplement, take 1 capsule, 1-2 times daily, with or between meals.

## STORAGE

Store in a cool, dry place.

## WARNING

If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use.

## SOURCE

- Ester-C® is manufactured in a proprietary process from ascorbic acid sourced from corn dextrose fermentation, and U.S. mined elemental minerals
- Quercetin is derived from Fava d'anta tree (*Dimorphandra mollis*) or Japanese pagoda tree (*Sophora Japonica*) flower buds
- Rutin is derived from Japanese pagoda tree (*Sophora Japonica*)

## NOTES

Serving size 1 capsule

Servings per container 180, 90

Bottle count 180, 90

Order codes ECF21, ECF29

## REFERENCES

1. Van Straten M, et al. *Adv Ther.* 2002 May-Jun;19(3):151-9.
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3. Moyad MA et al. *Adv Ther.* 2008 Oct;25(10):995-1009.
4. Mitmesser SH et al. *SpringerPlus.* 2016 5:1161.
5. Nieman DC, et al. *J Appl Physiol.* 2007 Nov;103(5):1728-35.
6. Chua LS. *J Ethnopharmacol.* 2013; 150: 805–817.
7. Wang W, et al. *Biomed Pharmacother.* 2017 Feb;86:32-40.

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## SUPPLEMENT FACTS

1 capsule, 1-2 times daily, with or between meals.

Each (size 00) vegetarian capsule contains:

Vitamin C (from Ester-C® calcium ascorbate blend)	619 mg
Calcium (from Ester-C® calcium ascorbate blend)	68 mg
Threonic acid (from Ester-C® calcium ascorbate blend)	7 mg
Quercetin	50 mg
Rutin	100 mg
Other ingredients: vegetarian capsule (cellulose, water), ascorbyl palmitate	

Ester-C® is a registered trademark.



Ester-C® & flavonoids	Quantity	Order Code
	180	ECF21
	90	ECF29

Visit [PureEncapsulationsPro.com](https://PureEncapsulationsPro.com) for more information about our GMO policy.

<sup>†</sup>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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