

# Cataplex® C

1650 90 Tablets | 1655 360 Tablets

NON  
DAIRY

NON  
SOY

VITAMINS  
& MINERALS

- Supports the immune system, skin and connective tissue, and bone health.\*
- Supports normal immune function\*
- Supports healthy blood vessels through support of the body's natural collagen-synthesis processes\*
- Supports healthy bone tissue by helping normal collagen formation\*
- Supports healthy adrenal gland functions\*
- Good source of antioxidant vitamin C

**Warning:** Caution in using this product if allergic to plants of the daisy family. Keep out of reach of children.

## Supplement Facts

Serving Size: 3 Tablets  
Servings per Container: 120

	Amount per Serving	%Daily Value
Total Carbohydrate	<1 g	<1%*
Vitamin C	17 mg	19%
Calcium	30 mg	2%
Sodium	40 mg	2%

Proprietary Blend 595 mg †  
Veal bone PMG™ extract, bovine adrenal, nutritional yeast, organic buckwheat (aerial parts) juice powder, organic buckwheat flour, organic alfalfa (aerial parts) juice powder, organic alfalfa (aerial parts), magnesium citrate, organic reishi mushroom powder, organic shiitake mushroom powder, veal bone, bovine bone, calcium phosphate, defatted wheat germ, organic carrot, sunflower lecithin, echinacea angustifolia (root), echinacea purpurea (root), rice bran, and d-alpha tocopherol (vitamin E sunflower).

\*Percent Daily Values are based on a 2,000 calorie diet.

†Daily Value not established.

Other Ingredients: Calcium lactate, honey, organic acerola (berry), organic camu camu (berry), organic maltodextrin, organic manioc (root), calcium stearate, and organic acacia fiber.

Contains: Wheat.

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## Cataplex® C Supports the Immune System

Vitamin C provides support to the immune system through several mechanisms including supporting innate immune system pathways, contributing to the protection of epithelial barriers, and promoting phagocytosis (the engulfment of microbes for removal).<sup>1</sup> It also supports the adaptive immune system and is important for the proper function of white blood cells.<sup>1-3</sup> The antioxidant function of vitamin C may help protect against oxidant-mediated inflammation, further supporting the immune system.<sup>4</sup>

## Cataplex® C Provides Vitamin C, Required for Normal Collagen Formation

Vitamin C is required for the synthesis of collagen, functioning as a cofactor for Vitamin C-dependent enzymes including collagen hydroxylation.<sup>5</sup> Collagen is a fibrous protein that provides structure of connective tissue and is the most abundant protein in the human body. This is an essential component of not only skin, but also blood vessels, bone, and cartilage. In these organs, connective tissue provides a strong and resilient structural framework, while also providing flexibility and elasticity.



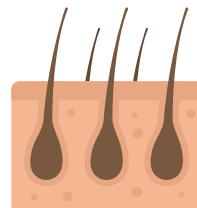
✓ Nails



✓ Cartilage



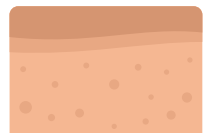
✓ Bone



✓ Hair



✓ Connective Tissue

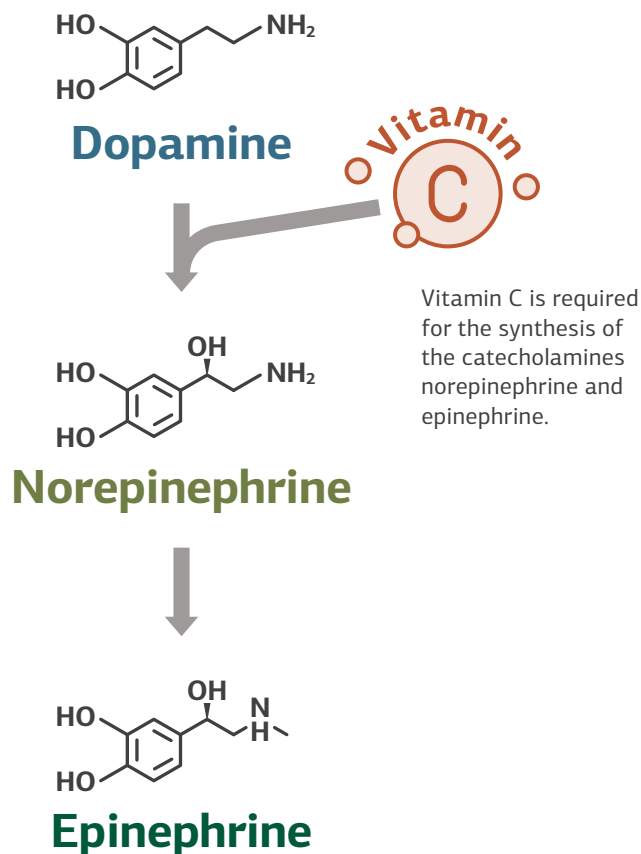


✓ Skin

Vitamin C is a cofactor for enzymes involved in collagen biosynthesis.

## Vitamin C Supports Healthy Adrenal Gland Functions\*

The adrenal glands are involved in many physiological processes in the body including energy metabolism, blood glucose metabolism, regulation of blood pressure, immune response, and fluid balance. However, they are most commonly associated with stress, as they produce the fight-or-flight hormones that help the body respond to stressful events.<sup>6</sup> Vitamin C is found in high concentrations in the adrenal glands, demonstrating its critical role in adrenal function and the body's natural stress response.<sup>7</sup> Vitamin C is a cofactor in the synthesis of catecholamines (epinephrine and norepinephrine), the fight or flight hormones secreted by the adrenal glands in response to stress.<sup>8</sup>



Since 1929,  
**Standard Process**  
has been changing  
lives with our whole  
food philosophy.

### REFERENCES

1. Carr, A.C., Maggini, S. (2017). *Nutrients*, 9:1211.
2. Van Gorkom, G.N.Y., et al. (2018). *Antioxidants*, 7(3):41.
3. Manning, J., et al. (2013). *Antioxid Redox Signal*, 19:2054.
4. Wintergest, E.S., Maggini, S., Hornig, D.H. (2006). *Ann Nutr Metab*, 50:85.
5. National Institute of Health, Office of Dietary Supplements. <https://ods.od.nih.gov/factsheets>
6. Goldstein, D.S. (2010). *Cell Mol Neurobiol*, 30:1433.
7. Padayatty, S.J., et al. (2007). *Am J Clin Nutr*, 86:145.
8. Patak, P., Willenberg, H.S., Bornstein, S.R. (2004). *Endocr Res*, 30:871.