Please Copy for Your Patients

Cyruta Plus is Made From Organically-Grown Buckwheat and Contains Rutin and Quercetin-Powerful Antioxdants

Buckwheat (*Fagopyrum esculentum*) is typically thought of as a food. Although the seeds are used as cereal, the plant is not one of the cereal grasses—it is a herbaceous plant. Rich in protein (especially lysine, which is uncommon in most cereal grains), it also contains vitamins B and E, calcium, and phosphorus. Buckwheat is easily digestible and is tolerated by those who are allergic to gluten. It has more iron, copper, and magnesium than wheat.†

How Cyruta Plus Keeps You Healthy

Buckwheat contains rutin, a powerful antioxidant

Buckwheat contains rutin, a phytochemical of the flavonoid group and a powerful antioxidant. Rutin protects the body against a variety of damaging oxidative toxins, especially those released by the body from mineral-fiber irritation. By itself, rutin is a more potent free radical quencher than either vitamin C or vitamin E. Synergistically, the three work together as an even stronger antioxidant powerhouse.†

Antioxidants-rutin and quercetin help support the skin

Because it is exposed, the skin is particularly vulnerable to environmental damage, especially from the sun's rays. Rutin and quercetin protect the skin and nerves from oxidative damage. \dagger

Soluble fiber and rutin found in buckwheat help maintain the cardiovascular system

The soluble fiber in buckwheat can help maintain a proper balance between high and low density lipoproteins. Furthermore, rutin prevents the oxidation of low-density lipoprotein in artery walls. As an antioxidative, rutin also minimizes oxidative damage in red blood cells, especially to delicate cell walls and the important fats embedded in them and to essential oxygen-carrying hemoglobin. It also helps keep blood thin, thus encouraging its free flow through the circulatory system, primarily in peripheral arterial systems.†

Quercetin helps maintain orderly cell growth in breast and other tissues

Quercetin attaches to type-II estrogen-binding sites and helps prevent protein kinase C activation, a cause of unnecessary cell division and growth.†



Introduced in: 1950

Content:

90 Tablets - 3325 360 Tablets - 3330

Supplement Facts:

Serving Size: 1 tablet Servings per Container: 90 or 360

 Calories
 2

 Vitamin C
 3 mg
 4%

 Potassium
 10 mg
 <1%</td>

Cyruta® Plus 3325 & 333



Cyruta® Plus

What Makes Cyruta Plus Unique

Unique Product Attributes

Ingredients are derived from whole-food sources

· Each tablet supplies 300 mg of buckwheat leaf juice and seed

Certified Organic Farming

A healthy ecosystem is created by using organic farming techniques, such as rotating crops, fertilizing the soil with nutrient-rich cover crops and by-products from our processing, practicing strict weed control standards, and continually monitoring the health of our plants

- Assures the soil is laden with minerals and nutrients
- Ensures plants are nutritionally complete and free from synthetic pesticides

Unique Processing

Upon harvesting, nutrient-rich plants are immediately washed and promptly processed

· Preserves nutritional integrity

Exclusive low-temperature, high-vacuum drying technique

• Preserves the enzymatic vitality and nutritional potential of ingredients

Not disassociated into isolated components

 The nutrients in Cyruta Plus are processed to remain intact, complete nutritional compounds

Degreed microbiologists and chemists in our on-site laboratories constantly conduct bacterial and analytical tests on raw materials, product batches, and finished products

· Ensures consistent quality and safety

Vitamin and mineral analyses validate product content and specifications

Assures high-quality essential nutrients are delivered

Whole Food Philosophy

Dr. Lee challenged common scientific beliefs by choosing a holistic approach of providing nutrients through whole foods. His goal was to provide nutrients as they are found in nature-in a whole food state where he believed their natural potency and efficacy would be realized. Dr. Lee believed that when nutrients remain intact and are not split from their natural associated synergists-known and unknown-bioactivity is markedly enhanced over synthetic nutrients. Following this philosophy, even a small amount of a whole food concentrate will offer enhanced nutritional support, compared to a synthetic or fractionated vitamin. Therefore, one should examine the source of nutrients rather than looking at the quantities of individual nutrients on product labels.

Each tablet supplies 300 mg buckwheat leaf juice

Proprietary Blend: Dried buckwheat (leaf) juice, buckwheat (seed), bovine adrenal Cytosol™ extract, and oat flour.

Other Ingredients: Honey, ascorbic acid, and calcium stearate.

Special Information: Keep bottle tightly closed. This product absorbs moisture.

Suggested Use: One tablet per meal, or as

Sold to health care professionals.

Studies on nutrients generally use large doses and these studies, some of which are cited below, are the basis for much of the information we provide you in this publication about whole food ingredients. See the supplement facts for Cyruta* Plus.

Affany A., Salvayre R., Douste-Blazy L. 1987. Comparison of the Protective Effect of Various Flavonoids Against Lipid Peroxidation of Erythrocyte

Membranes (induced by cumene hydroperoxide). Fundam Clin Fharmacol 1(6): 451-457.

Belcaro G, Etrichi B.M., et al. 1989. Treatment of actute superficial thrombosis and follow up by computerized thermography. Vasa 18(3): 227-234.

Belcaro G, Rulo A, Candiani C. 1989. Evaluation of the microcirculatory effects of Venoruton in patients with chronic venous hypertension by Laserdoppler flowmetry, transcutaneous PO2 and PCO2 measurements, leg volumetry and ambulatory venous pressure measurements. Vasa

18(2): 146-151.
Splani R.L., Sud S., Sahi A., et al. 1985. Effect of Sieved Buckwheat (Fagopyrum Esculentum) Flour Supplementation on Lipid Profile and Glucose Tolerance. Indian J Physiol Pharmacol 29(2): 69-74.
Cappelli R., Pecchi S., et al. 1987. Efficacy of O-(1-ilydroxyethyl). Rutosides at High Dosage in Counteracting the unwanted activity of Oral Contraceptives on Venous Function. Int J Clim Pharmacol Res 7(4): 291-299.
de Francischi M.L., Salgado J.M., Leitao R.F. 1994. Chemical, putritional and technological characteristics of buckwheat and non-prolamine

buckwheat flours in comparison of wheat flour. Plant Foods Hum Nutr 46(4): 323-329

Ekestrom S., Sonnenfeld T., Lund E. 1984. The Effect of O-(2-Hydroxyethyl)-Rutosides on Central Haemodynamics During and After Aortocoronary Bypass Surgery. Scand J Thorac Cardiovass Surg 18(3): 255-258.

Grinberg L.N., Rachmilewitz E.A., Newmark H. 1994. Protective Effects of Rutin Against Hemoglobin Oxidation. Biochem Pharmacol 48(4): 643-

649.

E J, Klag M, J, Whelton P.K., et al. 1995. Oats and buckwheat intakes and cardiovascular disease risk factors in an ethnic minority of China.

Am J Clin Nutr 61(2): 366-372.

Jelnes R., Gaardsting O, Holm A. 1986. Improvement of Subcutaneous Nutritional Blood Flow in the Forefoot by Hydroxyethylrutosides in Patients with Arterial Insufficiency. Case Studies. Angiology 37(3 Pt 1): 198-202.

Korkina L.G., Durnev A. D., et al. 1992. Oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: suppression by oxygen radical-mediated mutagenic effect of asbestos on human lymphocytes: s

scavengers. Mutat Res 265(2): 245-253

Mistry K.J., Krishna M., Bhattacharya R.K. 1997. Modulation of Aflatoxin B1 Activated Protein Kinase C by Phenolic Compounds. Cancer Lett

Moser M., Ranacher G., Wilmot T.J., et al. 1984. A Double-Blind Clinical Trial of Hydroxyethylrutosides ini Meniere's Disease. J Laryngol Otol 98(3):

Negre-Salvayre A., Affany A., Hariton C., et al. 1991. Additional Antilipoperoxidant Activities of Alpha-Tocopherol and Ascorbic Acid on Membrane-Like Systems Are Potentiated by Rutin. Pharmacology 42(5): 262-272.

Negre-Salvayre A., Mabile L., Delchambre J., et al. 1995. Tocopherol, Ascorbic Acid, and Rutin Inhibit Synergistically the Copper-Promoted LDL

Oxidation and the Cytotoxicity of Oxidized LDL to Cultured Endothelial Cells. Biol Trace Elem Res 47(1-3): 81-94.

Negre-Salvayre A., Salvayre R. 1992. Quereetin Prevents the Cytotoxicity of Oxidized LDL on Lymphoid Cell Lines. Free Radic Biol Med 12(2): 101106.

Research M. Megaling M. (2011) 105. Tompsife and Oxyganic Rather than 100 feet and 100 feet an

Piantelli M., Maggiano N., et al. 1995. Tamoxifen and Quercetin Interact with Type II Estrogen Binding Sites and Inhibit the Growth of Human

Piantelli M., Maggiano N., et al. 1995. Tamoxifen and Quercetin Interact with Type II Estrogen Binding Sites and Inhibit the Growth of Human Melanoma Cells. I Invest Dermatol 105(2): 248-253. Piller N.B., Morgan B. G., Casky-Smith J. R. 1988. A double-blind, cross-over trial of o-(2-hydroxyethyl)-rutosides (benzo-pyrones) in the treatment of lymphocdema of the arms and legs. Br J Plast Surg 41(1): 20-27. Ranelletti E.O., Ricci R. 1992. Growth-Inhibitory Effect of Quercetin and Presence of Type-II Estrogen-Biniding Sites in Human Colon-Cancer Cell Lines and Primary Colorectal Tumors. Int J Cancer 50(3): 486-492.
Sadzuka Y., Sugiyama T., et al. 1997. Protective effect of flavonoids on dosorubicin-induced cardiotoxicity. Toxicology Lett 92(1): 1-7.
Saija A., Scalese M., et al. 1995. Flavonoids as Antioxidant Agents: Importance of their Interaction with Biomembranes. Free Radic Biol Med 19(4): 481-486.

Scarbia G., Banelletti F.O., et al. 1990. Type-II Estrogen Binding Sites in a Lymphoblastoid Cell Line and Growth-Inhibitory Effect of Estrogen, An Estrogen and Bioflavonoids. Int f Cancer 46(6): 1112-1116.

Shimoi K., Shen B., et al. 1997. Protection by G. Rutin, a Water-soluble Antioxidant Flavonoid, against Renal Damage in Mice Treated with Ferric Nitrilotriacetate. Jap Journal of Cancer Res 88(5): 453-460.

Skaper S. D., Fabris M., Ferrari, et al. 1997. Quercetin Protects Cutaneous Tissue-Associated Cell Types Including Sensory Neurons from Oxidative

Stress Induced by Glutathione Depletion. Cooperative Effects of Ascorbic Acid. Free Radic Bid Med 22(4): 669-678.
Wojcicki J., Samochowice L. 1995. Effect of Buckwheat Extract on Free Radical Generation in Rabbits Administered High-fat Diet. Phytother Res 9(5): 323-326.

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