

Organo-Germanium

Pure Ge-132 Germanium Sesquioxide

Allergy Research Group® Germanium is pure Ge-132 Organo-Germanium, a unique organogermanium compound, bis-carboxyethyl germanium sesquioxide, sometimes just called germanium sesquioxide. It has unique molecular characteristics which make it non-toxic, and its small particle size and unique structure permit it to be readily cleared in the urine as the intact molecule.

Ge-132 has been shown to have antioxidant activity and cellular protective effects.* In both animals and humans, Ge-132 has been shown to support healthy immunity and immune surveillance.* Potentially, the body may use germanium as a cellular oxygenator.*

Key Features

- Potentially provides support for cellular oxygenation*
- Supplied in the original safe and tested form, bis-carboxyethyl germanium sesquioxide, free of inorganic impurities



#71290
50 vegetarian capsules



#75340
100 tablets



#75260
50 grams powder



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Researchers in Canada published two papers in April, 2004, which finally addressed some of the confusion about germanium. Two major factors are cited. First, an error was published in the scientific literature in 1987, and subsequent articles and papers repeatedly cited this error, ignoring a correction published in 1988. The second source of confusion stems from careless writing in which the many kinds of germanium compounds are not carefully distinguished, and even made to seem as if they are all the same. A 2020 publication reinforces previous findings, demonstrating the safety of highly purified bis-carboxyethyl germanium sesquioxide in a battery of cellular and animal toxicology studies.

Allergy Research Group® introduced pure Organo-Germanium into the United States in 1986. We recognize the importance of providing pure, thoroughly tested Ge-132. To assure the quality and purity of our germanium products, we carefully analyze every lot. Testing procedures include identification by infrared spectroscopy, purity by acid group titration, absence of inorganic germanium impurities by color limit test, and solubility test.

We now offer Organo-Germanium in capsule form, powder form, and easily dissolved tablet form.

References:

Kaplan BJ, Parish WW, Andrus GM, Simpson JS, Field CJ. J Altern Complement Med. 2004 Apr;10(2):337-44.

Kaplan BJ, Andrus GM, Parish WW. J Altern Complement Med. 2004 Apr;10(2):345-8.

Reddeman RA, et al. A Toxicological Evaluation of Germanium Sesquioxide (Organic Germanium). J Toxicology. 2020 Apr 4;2020:6275625.

Menchikov LG, Ignatenko MA. Biological activity of organogermanium compounds (a review). Pharmaceutical Chemistry Journal. 2013 Feb 1;46(11):635-8.

Organo-Germanium Capsules • #71290

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 50

Amount Per Serving % Daily Value

Bis-Carboxyethyl Germanium Sesquioxide 150 mg †

† Daily Value not established.

Other ingredients: Hydroxypropyl methylcellulose, microcrystalline cellulose, L-leucine.

Suggested Use: As a dietary supplement, 1 capsule one to five times daily between meals, or as directed by a healthcare practitioner.

Organo-Germanium Powder • #75260

Supplement Facts

Serving Size ½ Teaspoon
Servings Per Container 45

Amount Per Serving % Daily Value

Bis-Carboxyethyl Germanium Sesquioxide 1.1 g †

† Daily Value not established

Suggested Use: As a dietary supplement, ¼ to ½ level teaspoon (about 550-1100 mg) daily, or as directed by a healthcare practitioner.

OrganoGermanium Tablets • #75340

Supplement Facts

Serving Size 2 Tablets
Servings Per Container 50

Amount Per Serving % Daily Value

Bis-Carboxyethyl Germanium Sesquioxide 200 mg †

† Daily Value not established.

Other ingredients: Mannitol, stearic acid, calcium carbonate, croscarmellose sodium, acacia gum, magnesium stearate, silicon dioxide.

Suggested Use: As a dietary supplement, 1 or 2 tablets one to four times daily, or as directed by a healthcare practitioner.