

# Wee Nutes

## CLINICAL APPLICATIONS

- Comprehensive Multivitamin and Mineral Support
- Includes Bioavailable Albion® Chelated Minerals for Optimal Absorption
- Provides an Optimal Nutrient Profile Needed for a Growing Child
- Great Tasting Children's Chewable Multivitamin



This product is a children's multivitamin and mineral supplement that provides essential vitamins and minerals needed to support a growing child's development. As a complete multivitamin, this product provides high-quality nutrients that support a healthy micronutrient reserve. This product includes Albion® chelated minerals for optimal absorption, natural vitamin E and USP\* B vitamins. This product comes in a chewable tablet with a great-tasting strawberry-kiwi flavor for easy consumption.

## Overview

A wide variety of vital micronutrients are needed for a growing child's body. Micronutrients play a role in strengthening immune function, converting food into energy, detoxifying chemicals, manufacturing neurotransmitters and other key signaling molecules in the body, and maintaining tissue repair and cell regeneration. A deficiency in any one of these essential vitamins or minerals can create a breakdown of metabolic processes that help safeguard a child's health. In the average American child's diet, nutritional deficiencies may be caused by a number of factors including poor food choices, transport and storage methods, and nutrient-depleting food processing techniques. Deficiencies may also result from highly processed and refined foods, food additives and even picky eating. In fact, nutrient deficiencies exist in a substantial portion of the United States population and for select nutrients more than 80% of Americans consume less than the recommended daily allowance (RDA).<sup>[1,2]</sup> For these reasons, this product, a highly bioavailable, daily multivitamin designed specifically for children, helps ensure growing children are able to meet their daily nutritional needs.

## Bioavailability†

This product provides a full spectrum of highly-absorbed nutrients. Natural d-alpha tocopherol, as well as mixed tocopherols, enhance vitamin E availability and ensure maximized free radical scavenging potential.<sup>[3]</sup> Many other multivitamins often use cheap, poorly absorbed, rock-salt minerals like calcium carbonate and magnesium oxide, which have limited absorption and require adequate stomach acid to promote passive diffusion into the body. Albion®, the world leader in manufacturing highly bioavailable mineral chelates, provides a specialized form of minerals bound to amino acids. The patented process creates natural mineral compounds, which use active absorption mechanisms in the gastrointestinal tract to greatly enhance mineral absorption. In addition, these mineral chelates are gentle, gut-friendly minerals that do not cause the constipation that often accompanies calcium carbonate and other mineral forms. Albion® mineral chelates also have extensive clinical research proving their superior bioavailability, biologic activity, stability, and improved tolerance.

Comparison studies have shown Albion® minerals to have significantly superior absorption of mineral chelates to other forms of minerals. According to Graff et al. at Weber State University, Albion® magnesium amino acid chelate had 8.8 times greater absorption than magnesium oxide, 5.6 times greater absorption than magnesium sulfate and 2.3 times greater absorption than magnesium carbonate.<sup>[4]</sup> In addition, a clinical study comparing calcium absorption in humans found the Albion® patented calcium chelate delivered the greatest absorption of all calcium sources tested.<sup>[5]</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.

## Metabolism and Energy Production†

Children use a lot of energy and the conversion of food into cellular energy is a nutrient intensive process. This product provides optimal levels of B vitamins, which serve as prime coenzymes for the Kreb's cycle, the biochemical pathway responsible for maintaining energy production in the form of cellular energy called adenosine triphosphate (ATP). This product exclusively uses high quality, USP\* grade B vitamins where available, to support healthy energy levels in busy kids.

## Broad Spectrum Antioxidant Support†

Both adults and children undergo inevitable exposure to free radicals generated by metabolic by-products and environmental exposure such as UV rays from the sun, air pollution, and radiation. This product contains a balanced spectrum of antioxidant vitamins to help neutralize free radical activity. This includes vitamin C, vitamin E, mixed carotenoids, trace elements, vitamin D, selenium and zinc. The antioxidant blend in this product also works synergistically to help regenerate antioxidant vitamins in the body, help support a healthy immune system and promote a normal inflammatory response.

\*The USP is a scientific organization that sets standards for the identity, strength, quality and purity of medicines, food ingredients and dietary supplements, manufactured, distributed and consumed worldwide.

## Directions

Chew 1-2 tablets per day immediately before meals or as recommended by your health care professional.

## Does Not Contain

Gluten, corn, yeast, artificial colors and flavors.

## Cautions

If you are pregnant or nursing, consult your physician before taking this product.

## Supplement Facts<sup>V7</sup>

Serving Size 2 Tablets Servings Per Container 30			
2 tablets contain	Amount Per Serving	% Daily Value for Adults and Children 4 or more years of age	% Daily Value for Children Under 4 Years of Age
Calories	11		
Total Carbohydrate	4 g	<1%*	**
Sugars	1 g	**	**
Vitamin A (as Natural Beta-Carotene)	4,000 IU	80%	160%
Vitamin C (as Sodium Ascorbate USP, Magnesium Ascorbate, Ascorbic Acid USP)	350 mg	583%	875%
Vitamin D3 (as Cholecalciferol)	400 IU	100%	100%
Vitamin E (as d-Alpha Tocopherol Succinate USP)	50 IU	167%	500%
Vitamin K (as Phyttonadione)	10 mcg	13%	**
Thiamine (Vitamin B1) (from Thiamine Mononitrate)	10 mg	667%	1,429%
Riboflavin (Vitamin B2)	10 mg	588%	1,250%
Niacin (as Niacinamide)	10 mg	50%	111%
Vitamin B6 (as Pyridoxine Hydrochloride)	10 mg	500%	1,429%
Folic Acid	400 mcg	100%	200%
Vitamin B12 (as Methylcobalamin)	25 mcg	417%	833%
Biotin	30 mcg	10%	20%
Pantothenic Acid (as d-Calcium Pantothenate USP)	10 mg	100%	200%
Calcium (as DimaCal® Dicalcium Malate, TRAACS® Calcium Bisglycinate Chelate)	50 mg	5%	6%
Iron (as Ferrous Gluconate USP)	1.25 mg	7%	13%
Iodine (as Potassium Iodide)	75 mcg	50%	107%
Magnesium (as Ascorbate, TRAACS® Magnesium Bisglycinate Chelate)	50 mg	13%	25%
Zinc (as TRAACS® Zinc Bisglycinate Chelate)	2.5 mg	17%	31%
Selenium (as Selenium Glycinate Complex)	10 mcg	14%	**
Manganese (as TRAACS® Manganese Bisglycinate Chelate)	0.1 mg	5%	**
Chromium (as O-polynicotinate) <sup>†</sup>	25 mcg	21%	**
Molybdenum (as TRAACS® Molybdenum Glycinate Chelate)	1 mcg	1%	**
Potassium (as Potassium Glycinate Complex)	25 mg	1%	**
Inositol NF	5 mg	**	**
PABA USP (para-aminobenzoic acid)	5 mg	**	**
Vanadyl Sulfate Hydrate	100 mcg	**	**
Boron (as Bororganic™ Glycine)	25 mcg	**	**

\* Percent Daily Values are based on a 2,000 calorie diet.  
\*\* Daily Value not established

## References

1. Block G, et al. Vitamin supplement use by demographic characteristics. *Am J Epidemiol* 1988;127:297-309.
2. National Research Council, Diet and Health: Implications for Reducing Chronic Disease Risk (Washington, DC:National Academy Press, 1989).
3. Devaraj S, Leonard S, Traber MG, et al. Gammatocopherol supplementation alone or in combination with alpha-tocopherol alters biomarkers of oxidative stress and inflammation in subjects with metabolic syndrome. *Free Radica Biol Med* 2008;44:1203-1208.
4. Graff et al. Magnesium: wide spread benefits. *Albion Research Notes* 1992; 1(2):1.
5. Calcium: Heaney RP, Recker RR, Weaver CM. Absorbability of calcium sources: the limited role of solubility. *Calcif Tissue Int* 1990 May;46(5):300-4.

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