## **Vitamins**

VITAMIN	WHAT IT DOES	WHERE IS IT FOUND	DAILY VALUE*
Vitamin A	Growth and development Immune function Reproduction Red blood cell formation Skin and bone formation Vision	<ul> <li>Cantaloupe</li> <li>Carrots</li> <li>Dairy products</li> <li>Eggs</li> <li>Fortified cereals</li> <li>Green leafy vegetables (e.g., spinach and broccoli)</li> <li>Pumpkin</li> <li>Red peppers</li> <li>Sweet potatoes</li> </ul>	5,000 IU
Vitamin B <sub>6</sub>	Immune function     Nervous system function     Protein, carbohydrate, and fat metabolism     Red blood cell formation	Chickpeas Fruits (other than citrus) Potatoes Salmon Tuna	2 mg
Vitamin B <sub>12</sub>	Conversion of food into energy     Nervous system function     Red blood cell formation	<ul> <li>Dairy products</li> <li>Eggs</li> <li>Fortified cereals</li> <li>Meats</li> <li>Poultry</li> <li>Seafood (e.g., clams, trout, salmon, haddock, tuna)</li> </ul>	6 mcg
Vitamin C	<ul> <li>Antioxidant</li> <li>Collagen and connective tissue formation</li> <li>Immune function</li> <li>Wound healing</li> </ul>	<ul> <li>Broccoli</li> <li>Brussels sprouts</li> <li>Cantaloupe</li> <li>Citrus fruits and juices (e.g., oranges and grapefruit)</li> <li>Kiwifruit</li> <li>Peppers</li> <li>Strawberries</li> <li>Tomatoes and tomato juice</li> </ul>	60 mg
Vitamin D Nutrient of concern for most Americans	<ul> <li>Blood pressure regulation</li> <li>Bone growth</li> <li>Calcium balance</li> <li>Hormone production</li> <li>Immune function</li> <li>Nervous system function</li> </ul>	<ul> <li>Eggs</li> <li>Fish (e.g., herring, mackerel, salmon, trout, and tuna)</li> <li>Fish liver oil</li> <li>Fortified cereals</li> <li>Fortified dairy products</li> <li>Fortified margarine</li> <li>Fortified orange juice</li> <li>Fortified soy beverages (soymilk)</li> </ul>	400 IU
Vitamin E	<ul><li>Antioxidant</li><li>Formation of blood vessels</li><li>Immune function</li></ul>	<ul> <li>Fortified cereals and juices</li> <li>Green vegetables (e.g., spinach and broccoli)</li> <li>Nuts and seeds</li> <li>Peanuts and peanut butter</li> <li>Vegetable oils</li> </ul>	30 IU
Vitamin K	Blood clotting     Strong bones	Green vegetables (e.g., broccoli, kale, spinach, turnip greens, collards, Swiss chard, mustard greens)	80 mcg

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VITAMIN	WHAT IT DOES	WHERE IS IT FOUND	DAILY VALUE*
Biotin	<ul> <li>Energy storage</li> <li>Protein, carbohydrate, and fat metabolism</li> </ul>	<ul> <li>Avocados</li> <li>Cauliflower</li> <li>Eggs</li> <li>Fruits (e.g., raspberries)</li> <li>Liver</li> <li>Pork</li> <li>Salmon</li> <li>Whole grains</li> </ul>	300 mcg
Folate/Folic Acid Important for pregnant women and women capable of becoming pregnant	<ul> <li>Prevention of birth defects</li> <li>Protein metabolism</li> <li>Red blood cell formation</li> </ul>	<ul> <li>Asparagus</li> <li>Avocado</li> <li>Beans and peas</li> <li>Enriched grain products (e.g., bread, cereal, pasta, rice)</li> <li>Green leafy vegetables (e.g., spinach)</li> <li>Orange juice</li> </ul>	400 mcg
Niacin	<ul> <li>Cholesterol production</li> <li>Conversion of food into energy</li> <li>Digestion</li> <li>Nervous system function</li> </ul>	<ul> <li>Beans</li> <li>Beef</li> <li>Enriched grain products (e.g., bread, cereal, pasta, rice)</li> <li>Nuts</li> <li>Pork</li> <li>Poultry</li> <li>Seafood</li> <li>Whole grains</li> </ul>	20 mg
Pantothenic Acid	<ul> <li>Conversion of food into energy</li> <li>Fat metabolism</li> <li>Hormone production</li> <li>Nervous system function</li> <li>Red blood cell formation</li> </ul>	<ul> <li>Avocados</li> <li>Beans and peas</li> <li>Broccoli</li> <li>Eggs</li> <li>Milk</li> <li>Mushrooms</li> <li>Poultry</li> <li>Seafood</li> <li>Sweet potatoes</li> <li>Whole grains</li> <li>Yogurt</li> </ul>	10 mg
Riboflavin	Conversion of food into energy     Growth and development     Red blood cell formation	<ul> <li>Eggs</li> <li>Enriched grain products (e.g., bread, cereal, pasta, rice)</li> <li>Meats</li> <li>Milk</li> <li>Mushrooms</li> <li>Poultry</li> <li>Seafood (e.g., oysters)</li> <li>Spinach</li> </ul>	1.7 mg
Thiamin	Conversion of food into energy     Nervous system function	<ul> <li>Beans and peas</li> <li>Enriched grain products (e.g., bread, cereal, pasta, rice)</li> <li>Nuts</li> <li>Pork</li> <li>Sunflower seeds</li> <li>Whole grains</li> </ul>	1.5 mg

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## Minerals

MINERAL	WHAT IT DOES	WHERE IS IT FOUND	DAILY VALUE*
Calcium Nutrient of concern for most Americans	<ul> <li>Blood clotting</li> <li>Bone and teeth formation</li> <li>Constriction and relaxation of blood vessels</li> <li>Hormone secretion</li> <li>Muscle contraction</li> <li>Nervous system function</li> </ul>	<ul> <li>Almond, rice, coconut, and hemp milks</li> <li>Canned seafood with bones (e.g., salmon and sardines)</li> <li>Dairy products</li> <li>Fortified cereals and juices</li> <li>Fortified soy beverages (soymilk)</li> <li>Green vegetables (e.g., spinach, kale, broccoli, turnip greens)</li> <li>Tofu (made with calcium sulfate)</li> </ul>	1,000 mg
Chloride	<ul> <li>Acid-base balance</li> <li>Conversion of food into energy</li> <li>Digestion</li> <li>Fluid balance</li> <li>Nervous system function</li> </ul>	<ul> <li>Celery</li> <li>Lettuce</li> <li>Olives</li> <li>Rye</li> <li>Salt substitutes</li> <li>Seaweeds (e.g., dulse and kelp)</li> <li>Table salt and sea salt</li> <li>Tomatoes</li> </ul>	3,400 mg
Chromium	Insulin function     Protein, carbohydrate, and fat metabolism	<ul> <li>Broccoli</li> <li>Fruits (e.g., apple and banana)</li> <li>Grape and orange juice</li> <li>Meats</li> <li>Spices (e.g., garlic and basil)</li> <li>Turkey</li> <li>Whole grains</li> </ul>	120 mcg
Copper	<ul> <li>Antioxidant</li> <li>Bone formation</li> <li>Collagen and connective tissue formation</li> <li>Energy production</li> <li>Iron metabolism</li> <li>Nervous system function</li> </ul>	<ul> <li>Chocolate and cocoa</li> <li>Crustaceans and shellfish</li> <li>Lentils</li> <li>Nuts and seeds</li> <li>Organ meats (e.g., liver)</li> <li>Whole grains</li> </ul>	2 mg
lodine	<ul> <li>Growth and development</li> <li>Metabolism</li> <li>Reproduction</li> <li>Thyroid hormone production</li> </ul>	<ul> <li>Breads and cereals</li> <li>Dairy products</li> <li>lodized salt</li> <li>Potatoes</li> <li>Seafood</li> <li>Seaweed</li> <li>Turkey</li> </ul>	150 mcg
Iron Nutrient of concern for young children, pregnant women, and women capable of becoming pregnant	<ul> <li>Energy production</li> <li>Growth and development</li> <li>Immune function</li> <li>Red blood cell formation</li> <li>Reproduction</li> <li>Wound healing</li> </ul>	<ul> <li>Beans and peas</li> <li>Dark green vegetables</li> <li>Meats</li> <li>Poultry</li> <li>Prunes and prune juice</li> <li>Raisins</li> <li>Seafood</li> <li>Whole grain, enriched, and fortified cereals and breads</li> </ul>	18 mg

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# Minerals (cont'd)

MINERAL	WHAT IT DOES	WHERE IS IT FOUND	DAILY VALUE*
Magnesium	<ul> <li>Blood pressure regulation</li> <li>Blood sugar regulation</li> <li>Bone formation</li> <li>Energy production</li> <li>Hormone secretion</li> <li>Immune function</li> <li>Muscle contraction</li> <li>Nervous system function</li> <li>Normal heart rhythm</li> <li>Protein formation</li> </ul>	<ul> <li>Avocados</li> <li>Bananas</li> <li>Beans and peas</li> <li>Dairy products</li> <li>Green leafy vegetables (e.g., spinach)</li> <li>Nuts and pumpkin seeds</li> <li>Potatoes</li> <li>Raisins</li> <li>Wheat bran</li> <li>Whole grains</li> </ul>	400 mg
Manganese	<ul> <li>Carbohydrate, protein, and cholesterol metabolism</li> <li>Cartilage and bone formation</li> <li>Wound healing</li> </ul>	<ul><li>Beans</li><li>Nuts</li><li>Pineapple</li><li>Spinach</li><li>Sweet potato</li><li>Whole grains</li></ul>	2 mg
Molybdenum	Enzyme production	Beans and peas     Nuts     Whole grains	75 mcg
Phosphorus	<ul> <li>Acid-base balance</li> <li>Bone formation</li> <li>Energy production and storage</li> <li>Hormone activation</li> </ul>	<ul> <li>Beans and peas</li> <li>Dairy products</li> <li>Meats</li> <li>Nuts and seeds</li> <li>Poultry</li> <li>Seafood</li> <li>Whole grain, enriched, and fortified cereals and breads</li> </ul>	1,000 mg
Potassium Nutrient of concern for most Americans	Blood pressure regulation     Carbohydrate metabolism     Fluid balance     Growth and development     Heart function     Muscle contraction     Nervous system function     Protein formation	<ul> <li>Bananas</li> <li>Beet greens</li> <li>Juices (e.g., carrot, pomegranate, prune, orange, and tomato)</li> <li>Milk</li> <li>Oranges and orange juice</li> <li>Potatoes and sweet potatoes</li> <li>Prunes and prune juice</li> <li>Spinach</li> <li>Tomatoes and tomato products</li> <li>White beans</li> <li>Yogurt</li> </ul>	3,500 mg
Selenium	<ul><li>Antioxidant</li><li>Immune function</li><li>Reproduction</li><li>Thyroid function</li></ul>	<ul> <li>Eggs</li> <li>Enriched pasta and rice</li> <li>Meats</li> <li>Nuts (e.g., Brazil nuts) and seeds</li> <li>Poultry</li> <li>Seafood</li> <li>Whole grains</li> </ul>	70 mcg

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### Minerals (cont'd)

MINERAL	WHAT IT DOES	WHERE IS IT FOUND	DAILY VALUE*
Sodium Nutrient to get less of	Acid-base balance     Blood pressure regulation     Fluid balance     Muscle contraction     Nervous system function	<ul> <li>Breads and rolls</li> <li>Cheese (natural and processed)</li> <li>Cold cuts and cured meats (e.g., deli or packaged ham or turkey)</li> <li>Mixed meat dishes (e.g., beef stew, chili, and meat loaf)</li> <li>Mixed pasta dishes (e.g., lasagna, pasta salad, and spaghetti with meat sauce)</li> <li>Pizza</li> <li>Poultry (fresh and processed)</li> <li>Sandwiches (e.g., hamburgers, hot dogs, and submarine sandwiches)</li> <li>Savory snacks (e.g., chips, crackers, popcorn, and pretzels)</li> <li>Soups</li> <li>Table salt</li> </ul>	2,400 mg
Zinc	<ul> <li>Growth and development</li> <li>Immune function</li> <li>Nervous system function</li> <li>Protein formation</li> <li>Reproduction</li> <li>Taste and smell</li> <li>Wound healing</li> </ul>	<ul> <li>Beans and peas</li> <li>Beef</li> <li>Dairy products</li> <li>Fortified cereals</li> <li>Nuts</li> <li>Poultry</li> <li>Seafood (e.g., clams, crabs, lobsters, oysters)</li> <li>Whole grains</li> </ul>	15 mg

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#### Alkaline Minerals Raw For Beauty com Almonds Splnach Cinnamon Breceell Avecados CODAY Flaxecods CILLY TO CERT Broccoll emi Dill Orinoa Shemin D Tomators Greao Avocado Splinach Kab