

Alfalfa

The alfalfa plant (Medicago sativa Linn.) is grown for its unique blend of protein, B vitamins, and minerals. It is a perennial flowering legume widely grown across the world. The sprouts and whole plant material can be used to deliver essential nutrients and phytoactive compounds.



Phytoactives

Flavones

Promote antioxidant, anticancer, antimicrobial, and antiinflammatory activity

Adenosine¹ Apigenin¹ Luteolin1

Chlorophyll

Green pigment in plants with potential anti-inflammatory, antioxidant, and anti-bacterial activity

Saponins² Support the immune system and promote healthy cholesterol

Bayogenin³

Foumononetin³

and blood glucose levels

Hederagenin³

Medicagenic Acid³ Soyasapogenol A³

Soyasapogenol B³

Soyasapogenol E³

Soyasaponin I³ Zahnic Acid³

Flavonols

Promote antioxidant activity and promote vascular health

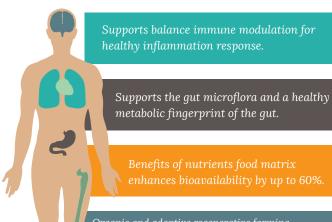
Quercetin (17 mcg/g)*

Carotenoids

Antioxidants with anti-cancer potential and may lower risk of macular degeneration

Beta Carotene (0.87 mg/g)* Alpha Carotene (0.06 mg/g)* Beta Cryptoxanthin (0.06 mg/g)*

What is the Whole Food Matrix?



Organic and adaptive regenerative farming techniques delivers nutrient dense source of key phytonutrients and helps balance healthy lifestyles. Increased intake of vegetables and fruits in whole food nutrition influences individual epigenetic expression of our health potential.



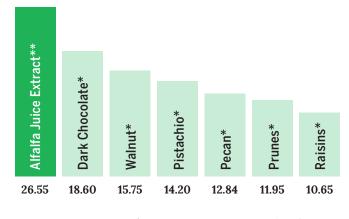
Gallic Acid Equivalence

What is GAE?

GAE, or "gallic acid equivalence," indicates levels of important phytoactives available in the plant and extracts. GAE is derived by comparing to the gallic acid reference standard, a simple phenolic substance. Studies have shown that phytoactives in plants contribute to their beneficial effect on development of chronic diseases.

Total Phenolic Concentration

Measured: Total Phenolics as Gallic Acid Equivalence (mg/g)



^{*} Data is mean values from Phenol-Explorer Database ¹ ** Data on file with WholisticMatters

Values subject to change based on strain and experimental methods

Key Nutrients

Percentages shown as %DV per 5g of alfalfa juice extract

Manganese

Essential mineral incorporated in enzymes that metabolize macronutrients; helps protect mitochondria from oxidation and forms both collagen and cartilage.



Biotin

B vitamin necessary for energy metabolism, histone modification, gene regulation, and cell signaling.



Riboflavin

Water-soluble vitamin vital for energy production, cell function, metabolism, and growth/development.



Copper

Essential mineral required for proper usage of on in the body, neurotransmissions, and maturation of connective tissues.



Pantothenic Acid

Water-soluble vitamin important for energy metabolism, enzyme activation, signal transduction, and biosynthesis of fats and cholesterol.



Other Nutrients

(in order of %DV per 5g alfalfa juice extract)

Magnesium Calcium Potassium Iron Thiamin (Vitamin B1) Vitamin B6 (Pyridoxal 5'-phosphate) Protein Niacin (Vitamin B3)

Selenium Phosphorus Choline Fiber Folate (Vitamin B9) Lipids Carbohydrate



We are dedicated to advancing the latest insights and information available in nutrition therapy and clinical nutrition and to presenting only the most balanced, credible, and reliable clinical nutrition and science available.

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References

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