

NANOEMULSIFIED



CBD SYNERGIES-AX GUMMIES

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CBD Synergies-AX Gummies, Calming formula, provides a combination of THC-free broad spectrum hemp extract, cannabidiol (CBD), skullcap herb extract, L-theanine, and gamma-aminobutyric acid (GABA) in a delicious and convenient supplement gummy. This non-psychoactive, calming formula is vegan, free of allergens, and has no artificial colors or sweeteners. Two gummies provide 11 mg of organic broad spectrum hemp extract, 10 mg of CBD, a 150 mg blend of skullcap, l-theanine, and GABA, and is formulated using Quicksilver Delivery System® proprietary technology for fast and high absorption of ingredients.



Supplement Facts

Serving Size: 2 Gummies
Servings Per Container: 30

	Amount Per Serving	% Daily Value*
Calories	16	
Total Carbohydrate	4 g	1%
Total Sugars	3 g	**
Includes 3g Added Sugars	6%	
Organic Broad Spectrum Hemp Extract (aerial parts)	11 mg	**
Cannabidiol	10 mg	**
Proprietary Blend: Skullcap Herb extract (Scutellaria lateriflora), L-Theanine, GABA (Gamma Amino Butyric Acid)	150 mg	**

*Percent Daily Values are based on a 2,000 calorie diet.

**Daily Value Not Established

Other Ingredients: Tapioca syrup, cane sugar, water, glycerin, pectin, ethanol, citric acid, tocopherol, medium chain triglycerides, natural flavor and color, highly purified phospholipids, organic sunflower oil, carnauba wax.

EDUCATION

THE ENDOCANNABINOID SYSTEM

Our endocannabinoid system (ECS) is critical for bioregulation throughout the body, affecting appetite, pain, mood, memory, cognition, analgesia, immune function, sleep, motivation, emotions, and more.^{1,2}

The ECS features two primary receptors—CB1 and CB2—and the body produces two unique endocannabinoid lipids: Anandamide and 2-arachidonoylglycerol. Anandamide is associated with a joyful mood and was named after the Sanskrit word for bliss.³ Receptors, enzymes, and fatty acids amide hydrolase (FAAH) complete this complex and fundamental network.

Phytocannabinoids, plant-derived cannabinoids found in the crystalline trichomes of Cannabis plants, also interact with the ECS, exerting powerful biochemical and physiological effects.⁴ An astonishing array of phytocannabinoids can be found in the hemp plant, including cannabidiol (CBD), cannabigerol (CBG), cannabidiolic acid (CBDA), cannabinol (CBN), cannabichromene (CBC), and cannabidivarin (CBDV), among others.⁵

CBD and its sister phytocannabinoids indirectly influence ECS activity by enhancing endocannabinoid tone. Phytocannabinoids also interact with various non-ECS receptors, including GABA, glutamate, serotonin, and opioid receptors.⁶ The complex interactions between phytocannabinoids, the ECS, and non-ECS receptors have significant implications for many aspects of health, including the sympathetic and parasympathetic nervous systems.⁷

CBD TAPS INTO THE ENDOCANNABINOID SYSTEM FOR CALMING ACTION

CBD powerfully supports anandamide, the “bliss molecule,” by inhibiting the enzyme that breaks it down.⁸ CBD may have antidepressant, anti-anxiety, and calming effects.^{9,10,11,12} CBD enhances the activity of ‘feel good’ serotonin receptors and modulates blood flow in limbic areas of the brain associated with fear and anxiety.^{13,14}

GABA IS A “CALM AND CONNECT” MOLECULE

Gamma-aminobutyric acid (GABA) is the body's primary inhibitory neurotransmitter that plays a central role in anxiety.¹⁶ Our brains naturally produce this “calm and connect” molecule, and its calming activity balances glutamate, the body's primary excitatory neurotransmitter.¹⁷

Oral supplementation with GABA may promote relaxation and relieve anxiety.¹⁸ GABA supplementation has been found to significantly increase calming alpha-wave patterns during stress.¹⁹ Because GABA receptors are abundant in the gut, GABA support may also help calm digestive upsets associated with anxiety.²⁰

L-THEANINE SUPPORTS RELAXATION WHILE ENHANCING ALERTNESS

L-theanine is an amino acid found naturally in green tea. After supplementing with L-theanine, brain wave patterns have been shown to change, reflecting a calmer neurological state.²¹ In addition, L-theanine calms without impairing cognitive ability and has been shown to have relaxing effects on blood pressure.^{22,23} It supports the action of supplemental GABA by increasing brain levels of GABA, serotonin, and dopamine.²⁴

TIME-HONORED BOTANICALS SOOTHE STRESS

Skullcap (*Scutellaria lateriflora*) has been used in herbal medicine for hundreds of years to relieve tension and support relaxation. This classic botanical has a balancing effect on both GABA and glutamate and has been shown to reduce anxiety.^{25,26}

Quicksilver Delivery Systems® improve upon liposomal and emulsification technology with smaller, more stable particles made from the highest-grade ingredients available. In addition to exceptional absorption rates, these tiny liposomal and nanoemulsified particles increase diffusion across mucus membranes, enhance lymphatic circulation of nutrients and support cellular delivery.

TS230006

References available at quicksilverscientific.com/cbdsynergies-axgummiesreferences Rev. 00

Keep out of reach of children.

Product contains a total delta-9-tetrahydrocannabinol concentration that does not exceed 0.3 percent on a dry-weight basis.

This information is for the use of licensed healthcare practitioners only and is intended to use as a basis for determining whether or not to recommend these products to their patients. This medical and scientific information is not for use by consumers.

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