

NEUROSCIENCE



Improving Health
Through The
Nervous System

**Product Guide
For Healthcare
Professionals**



OUR VISION

Improving Health Through The Nervous System

Dear Healthcare Provider,

A growing number of healthcare providers and patients are looking for more effective ways to address today's most common health issues. In our ever expanding understanding of human health, we have come to the realization that our health is never as simple as it may seem. There is an interconnectedness between the different biological systems in the body, just as there is in our external environment. Our understanding of these relationships requires a new approach to health—a systems approach—whereby the impact of each human biological system is evaluated in relationship to each other, not in isolation.

Our central nervous system influences how we think, feel, and act, as well as how the rest of our body functions. At NeuroScience, we believe the function of the central nervous system, including a balance of neurotransmitters, plays an essential role in the health of all body systems.

As a biochemist with over 35 years experience in the field of human genetics and medical diagnostics, I saw this as an area of impact on human health that wasn't being addressed. As such, I created NeuroScience, Inc., a research-driven company specializing in the assessment and support of neurotransmitters and hormones.

At NeuroScience, Inc., we bring leadership to the field of neurotransmitter research, relying on our experience and commitment to science to bring you quality products and services.

A handwritten signature in black ink that reads 'G. Kellermann'. The signature is fluid and cursive.

Gotfried Kellermann, PhD
President, Founder of NeuroScience, Inc.



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GETTING STARTED WITH NEUROSCIENCE

Call our toll-free number to set up an account:

1-888-342-7272

*Have your credentials ready**

NeuroScience services at a glance:

- ✓ 24/7 online access to patient lab results
- ✓ Third party insurance reimbursements from Blue Cross/Blue Shield, Medicare, United HealthCare, and many others.
- ✓ Expert technical support staff prepared to answer any questions regarding lab interpretation and suggested protocols.
- ✓ Rapid turnaround time delivers most results within 5 to 7 business days.
- ✓ The highest quality neurocentrals backed by certificates of analysis and a fully licensed manufacturing facility.
- ✓ A wide spectrum of education materials are available including patient brochures, professional-oriented write-ups, PowerPoint presentations, and audio CDs.
- ✓ Free shipping & handling to U.S. customers on product orders over \$250.

*All accounts must be opened or held by practicing healthcare providers with qualified and documented credentials whose Scope of Practice guidelines grants the treatment and management of clinical and non-clinical conditions, including the use of nonpharmacological dietary interventions and the use of laboratory testing in patient assessment. NeuroScience, Inc. reserves the right to approve or deny any healthcare provider. Individual states regulate the definition of a healthcare provider.

NeuroScience has developed a line of neuroceutical formulas with unique combinations of neurotransmitter precursors, modulators, and enzymatic cofactors that specifically target the spectrum of neurotransmitter support.



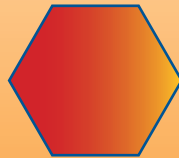
PRODUCT

Each NeuroScience, Inc. formula is classified based on its ability to support inhibitory or excitatory neurotransmission. Inhibitory formulas are designed to deliver a calming effect, whereas excitatory formulas are designed to energize and invigorate.

As you page through the product descriptions, notice the color-coded hexagons associated with each product description. The colored hexagons serve as a quick reference to help you become familiar with the product's inhibitory or excitatory function.



Supports Inhibitory Neurotransmission



Supports Excitatory Neurotransmission



Neither inhibitory nor excitatory, serve as neuromodulators or adjuncts to therapeutic regimens.

5-HTP

60 Capsules

Product description

NeuroScience, Inc.'s 5-HTP delivers 50mg/capsule, allowing practitioners to fine-tune therapeutic regimens.

As the precursor to the inhibitory neurotransmitter serotonin, 5-HTP can be used to support the inhibitory neurotransmitter system.



Supplement Facts

Serving Size 2 Capsules
Servings per Container 30

	Amount Per Serving	% DV
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	100 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Rice Flour, Vegetable Cellulose (vegetarian capsules), and Magnesium Stearate
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- ◆ Inhibitory neurotransmitter support
- ◆ Adjunct that enhances serotonin levels
- ◆ Suggested uses: low mood, food cravings

5-HTP SPRAY

120 mL

Product description

NeuroScience, Inc.'s 5-HTP spray delivers 25mg of 5-HTP and 13 mg of vitamin B6 per pump in a liposomal formula.

This sublingual preparation allows for rapid delivery when a calming or relaxing effect is needed and is ideal for those who cannot tolerate oral 5-HTP.



Supplement Facts

Serving Size 2 Sprays (1.3 mL, 0.04 fl.oz.)
Servings Per Container 92

	Amount Per Serving	% DV
Vitamin B6 (as pyridoxine HCl)	27 mg	1330%
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	50 mg	†
<i>Stevia rebaudiana</i> leaf extract	7 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Purified Water, Glycerin, Natural Flavors, Hydroxylated Lecithin, Potassium Sorbate (as preservative), Citric Acid.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy.

- ◆ Inhibitory neurotransmitter support
- ◆ Liposomal 5-HTP enhances serotonin
- ◆ Suggested uses: individuals sensitive to 5-HTP




ADRECOR

180 Capsules, 12 oz. Powder

Product description

AdreCor supports adrenal function and the synthesis of the adrenal neurotransmitters, epinephrine and norepinephrine, with a combination of amino acids, vitamins, and other nutrients. This formula is rich in B-vitamins that are important to the production of the adrenal hormones required to combat stress and fatigue. AdreCor contains an extract of the adaptogen, *Rhodiola rosea*, a source of biologically-active rosavins. The *Rhodiola rosea* extract in AdreCor is standardized to contain 3% rosavins, which have been found to decrease the affects of stress and fatigue. *N*-acetyltyrosine and *L*-histidine are included to support the catecholamines and histamine, respectively. Also available in a pleasant-tasting citrus powder.



-  **Adrenal neurotransmitter support**
-  **Our best-selling adrenal support formula**
-  **Suggested uses: stress, fatigue, low energy**

Also available in sample packs. See page 19.

Supplement Facts

Serving Size 3 Capsules
Servings Per Container 60

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	600 mg	1000%
Niacin (as niacinamide)	6 mg	30%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	12 mg	600%
Folate (as folacin)	120 µg	30%
Vitamin B12 (as cyanocobalamin)	60 µg	1000%
Pantothenic acid (from calcium pantothenate)	300 mg	3000%
Magnesium (from magnesium glycinate)	14 mg	3%
Zinc (from zinc gluconate)	3 mg	20%
Amino Select 14™	1326 mg	†

L-methionine, L-histidine, N-acetyltyrosine, *Rhodiola rosea* root extract (standardized to 3% rosavins), and Green Tea leaf extract (70% epigallocatechin gallate)

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Rice Flour, and Magnesium Stearate.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

BALANCE D




With *Vicia faba*

60 Capsules

Product description

Balance D is an amino acid formula that contains an extract of the nutrient-dense bean, *Vicia faba**, as a source of 3,4-dihydroxyphenylalanine (L-DOPA). NeuroScience, Inc.'s *Vicia faba* extract is standardized to contain 50% L-DOPA, the metabolic precursor to dopamine. *N*-acetyltyrosine is included for additional support to the catecholamine system¹⁻⁴.



-  **Excitatory neurotransmitter support**
-  **High-potency *Vicia faba* extract**
-  **Suggested uses: low dopamine levels**

*May also be available containing *Mucuna Pruriens* in place of *Vicia faba*.

Supplement Facts

Serving Size 2 Capsules
Servings Per Container 60

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	120 mg	200%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	5 mg	250%
Folate (as folacin)	133 µg	33%
Calcium (from calcium citrate)	54 mg	5%
Selenium (from selenomethionine)	74 µg	106%
Amino Select 9™	1250 mg	†

N-acetylcysteine, *Vicia faba* bean extract (standardized to 50% L-dopa), and *N*-acetyltyrosine

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) and Magnesium Stearate.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

CALM-PRT

60 and 120 Capsules

Product description

Calm-PRT is a combination of ingredients designed to release stress and restore proper communication within the hypothalamic-pituitary-adrenal (HPA) axis. Calm-PRT contains an extract of the adaptogen *Rhodiola rosea* extract, a source of biologically-active rosavins. NeuroScience, Inc.'s *Rhodiola rosea* extract is standardized to contain 16% rosavins, which have been found to decrease the effects of stress and fatigue. Calm-PRT also contains SerinAid™, a high-quality preparation of phosphatidylserine. Phosphatidylserine is a major component of cell membranes, and may restore sensitivity to desensitized cortisol receptors within the HPA axis. Glycine and taurine are included for additional inhibitory neurotransmitter support.



Supplement Facts

Serving Size 3 Capsules
Servings Per Container 20

	Amount Per Serving	% DV
Thera Mix 1™	1500 mg	†
<i>Rhodiola rosea</i> root extract (standardized to 16% rosavins), SerinAid® 50P (phosphatidylserine enriched soy lecithin), Glycine, and Taurine		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Rice Flour, and Magnesium Stearate.
Does not contain wheat, corn, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.
Contains Lecithin from soy.

- **Excitatory neurotransmitter reduction**
- **High-potency *Rhodiola rosea* & phosphatidylserine**
- **Suggested uses: stress, anxiousness, restlessness**

CysNAC

90 Capsules

Product description

CysNAC contains 900mg/capsule of high-quality *N*-acetylcysteine. Cysteine plays an important role in the synthesis of glutathione, the body's toxin neutralizing powerhouse. Because of cysteine's role in the production of glutathione, this product is recommended for individuals who need oxidative support. Since L-DOPA supplementation can create oxidative compounds, CysNAC is a suggested adjunct to L-DOPA-containing products.



Supplement Facts

Serving Size 1 Capsule
Servings Per Container 90

	Amount Per Serving	% DV
Folate (as folacin)	70 µg	18%
Selenium (from selenomethionine)	70 µg	100%
<i>N</i>-acetylcysteine	900 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) and Microcrystalline Cellulose.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- **High-potency *N*-acetylcysteine**
- **Supports glutathione production**
- **Suggested uses: heavy metal toxicity**

D,L-PHENYLALANINE

60 Capsules

Product description

NeuroScience, Inc.'s D,L-phenylalanine delivers 500mg/capsule, allowing practitioners to fine-tune therapeutic regimens. As the precursor to a number of neurotransmitters, including PEA, dopamine, norepinephrine, and epinephrine, D,L-phenylalanine can be used to support multiple excitatory neurotransmitters.



Supplement Facts




Serving Size 2 Capsules
Servings Per Container 30

	Amount Per Serving	% DV
D,L-phenylalanine	1000 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Magnesium Stearate, and Rice Flour.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

-  **Excitatory neurotransmitter support**
-  **Adjunct that enhances PEA and catecholamine levels**
-  **Suggested uses: brain fog, pain-related issues**

ENDOPLUS

Spray, 60 mL

Product description

EndoPlus is an easy-to-administer, oral spray containing theanine and 5-hydroxytryptophan (5-HTP). This sublingual preparation is an advanced liposomal formula that allows for rapid delivery when a calming or relaxing effect is needed. The amino acid theanine has been widely studied for its ability to produce a calming effect and prevent over-stimulation. It has been postulated that theanine's effects are due to its ability to antagonize glutamate receptors, thereby dampening excessive excitatory neurotransmission. 5-HTP is included to support the production of serotonin.

Root Beer Flavor



Supplement Facts

Serving Size 2 Sprays (1.4 ml, 0.05 fl.oz.)
Servings Per Container 42




	Amount Per Serving	% DV
Suntheanine® (L-theanine)	100 mg	†
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	30 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Purified Water, Fructose, Natural Flavors, Hydroxylated Lecithin, Potassium Sorbate (as preservative), and Citric Acid.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy.

-  **Inhibitory neurotransmitter support**
-  **Liposomal L-theanine & 5-HTP spray**
-  **Suggested uses: anxiousness, sleep disturbances, restlessness**

ENDOTREX

Spray, 60 mL

Product description

EndoTrex is an easy-to-administer, oral spray containing theanine. This sublingual preparation is an advanced liposomal formula that allows for rapid delivery when increased mental acuity and concentration are needed. The amino acid theanine has been widely studied for its ability to produce a calming effect and prevent overstimulation. It has been postulated that theanine's effects are due to its ability to antagonize glutamate receptors, thereby dampening excessive excitatory neurotransmission.



Supplement Facts

Serving Size 2 Sprays (1.4 ml, 0.05 fl.oz.)
Servings Per Container 42

	Amount Per Serving	% DV
Suntheanine® (L-theanine)	100 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: A proprietary blend of purified water, fructose, natural flavors, hydroxylated lecithin, potassium sorbate (as preservative), and citric acid.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- Inhibitory neurotransmitter support**
- Liposomal L-theanine spray**
- Suggested uses: restlessness, attention, focus**

EXCITACOR

120 Capsules

Product description

ExcitaCor contains *Vicia faba*, as a source of 3,4-dihydroxyphenylalanine (L-DOPA), the precursor to dopamine. ExcitaCor also contains an extract of the adaptogen, *Rhodiola rosea*, a source of biologically-active rosavins. NeuroScience, Inc.'s *Rhodiola rosea* extract is standardized to contain 16% rosavins, which have been found to decrease the effects of stress and fatigue. The semi-essential amino acid histidine is important for the production of ACTH and the release of metabolism enhancing glucocorticoids. ExcitaCor is used during times of tension and low energy¹⁻⁴.



Supplement Facts

Serving Size 3 Capsules
Servings Per Container 40

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	100 mg	167%
Niacin (as niacinamide)	30 mg	150%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	25 mg	1245%
Folate (as folic acid)	200 µg	50%
Pantothenic acid (from calcium pantothenate)	60 mg	600%
Magnesium (from magnesium glycinate)	200 mg	50%
Zinc (from zinc nicotinate)	2 mg	14%
Manganese (from manganese sulfate)	4 mg	195%

Proprietary Blend 1008 mg †
L-histidine, L-methionine, *Rhodiola rosea* root extract (standardized to 16% rosavins), and *Vicia faba* bean extract (standardized to 50% L-DOPA)

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) & Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- Excitatory neurotransmitter support**
- Specifically targets the catecholamines**
- Suggested uses: low mood, stress, low energy**




EXCITA PLUS

120 Capsules

Product description

ExcitaPlus contains *N*-acetyltyrosine as strong support for the catecholamines. It contains *Vicia faba*, as a source of 3,4-dihydroxyphenylalanine (L-DOPA), the precursor to dopamine. ExcitaPlus also contains an extract of the adaptogen, *Rhodiola rosea*, a source of biologically-active rosavins. NeuroScience, Inc.'s *Rhodiola rosea* extract is standardized to contain 16% rosavins, which have been found to decrease the effects of stress and fatigue. The semi-essential amino acid histidine is important for the production of histamine, which stimulates the production of ACTH and the release of metabolism enhancing glucocorticoids. ExcitaPlus is used during times of stress and fatigue¹⁻⁴.



-  **Excitatory neurotransmitter support**
-  **Stronger catecholamine support than Balance D or ExcitaCor**
-  **Suggested uses: low mood, stress, low energy**

Supplement Facts

Serving Size 3 Capsules Servings Per Container 40		
	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	100 mg	167%
Niacin (as niacinamide)	30 mg	150%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	25 mg	1245%
Folate (as folic acid)	200 µg	50%
Pantothenic acid (from calcium pantothenate)	60 mg	600%
Magnesium (from magnesium glycinate)	200 mg	50%
Zinc (from zinc nicotinate)	2 mg	14%
Manganese (from manganese sulfate)	4 mg	195%
Proprietary Blend	1008 mg	†
L-histidine, L-methionine, <i>Rhodiola rosea</i> root extract (standardized to 16% rosavins), and <i>Vicia faba</i> bean extract (standardized to 50% L-DOPA)		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) & Magnesium Stearate.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.




GABAMAX

90 Capsules

Product description

GabaMax is a formula designed to maintain inhibitory balance and is used in individuals with high excitatory neurotransmitter activity or increased GABA excretion. GabaMax does not contain GABA, rather it is a combination of ingredients designed to support GABA synthesis and function. The amino acid theanine is included and has been widely studied for its ability to produce a calming effect and prevent over-stimulation. 5-HTP is included to support the production of serotonin. Taurine acts by enhancing the effects of GABA. Glutamine contributes to GABA synthesis. *N*-acetyltyrosine is included to provide low-level support for the catecholamines.



-  **Inhibitory neurotransmitter support**
-  **Multidimensional GABA support**
-  **Suggested uses: anxiousness, restlessness, agitation**

Supplement Facts

Serving Size 2 Capsules Servings Per Container 45		
	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	42 mg	70%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	25 mg	1250%
Folate (as folic acid)	133 µg	33%
Magnesium (from magnesium glycinate)	100 mg	25%
Amino Select 6™	1550 mg	†
L-glutamine, Taurine, Suntheanine® (L-theanine), 5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract), and <i>N</i> -acetyltyrosine		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Magnesium Stearate, and Microcrystalline Cellulose.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.




KAVINACE

60 Capsules

Product description

Kavinace combines two powerful ingredients that effectively address symptoms of stress, anxiousness, irritability, and sleep difficulties. Included in this formula is the GABA derivative, beta-phenyl-gamma-aminobutyric acid. Also known as phenyl-GABA, it easily crosses the blood-brain barrier and acts as a GABA agonist. Kavinace also contains taurine which functions as an inhibitory amino acid. Taurine is a GABA agonist and may increase GABA levels by increasing GABA synthesis, preventing GABA breakdown, and blocking GABA reuptake. Vitamin B6 is included as an important cofactor for the synthesis of GABA, as well as other enzymatic pathways¹⁰⁻¹³.



-  **Inhibitory support**
-  **Potentiates the effects of GABA**
-  **Suggested uses: anxiousness, sleep difficulties**

Also available in sample packs. See page 19.

Supplement Facts

Serving Size 2 Capsules
Servings Per Container 30

	Amount Per Serving	% DV
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	10 mg	500%
Thera Mix 4™ Taurine and 4-amino-3-phenylbutyric acid	950 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) and Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.




LORAQUIL

60 Capsules

Product description

LoraQuil supports healthy brain function and tissue repair. The literature reports that the fatty acids DHA and EPA reduce tissue-damaging inflammatory compounds and are beneficial in maintaining physical and mental health. LoraQuil uses krill oil as a source of DHA and EPA. Krill oil also contains astaxanthin, which is a potent antioxidant not present in fish oils. LoraQuil also contains fish hydrolysate which has been shown to promote physical and neurological health in animals by supporting intestinal health and reducing the neurochemical effects of stress.



-  **Neuromodulator**
-  **DHA & EPA support**
-  **Suggested uses: Decreases anxiousness, reduces swelling and tenderness**

Supplement Facts

Serving Size 2 Capsules
Servings Per Container 30

	Amount Per Serving	% DV
Calories	5	
Calories from fat	4	
Total Fat	0.5 g	<1%
Saturated fat	‡	†
Trans fat	0 g	†
Vitamin E (d-alpha tocopherol)	4 I.U.	13%
Lecithin (non GMO)	10 mg	†
Proprietary Blend: Krill oil and Fish protein hydrolysate (sardine muscle)	1100 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.

† Daily Value (DV) not established.

‡ Not a significant source of saturated fat.

Other Ingredients: Lemon Oil, Yellow Beeswax, Rosemary Oil, Peppermint Oil, Soft Gel Capsule (gelatin, water, glycerin, carob, polysorbate 80).

Does not contain wheat, corn, salt, sucrose, starch, yeast, artificial flavors, or artificial colorings.

Contains oils derived from shellfish.

Contains Lecithin from soy.




N-ACETYL TYROSINE

60 Capsules

Product description

NeuroScience, Inc.'s *N*-acetyltyrosine delivers 500mg/capsule, allowing practitioners to fine-tune therapeutic regimens. As the precursor to the catecholamines, dopamine, norepinephrine, and epinephrine, *N*-acetyltyrosine can be used to support multiple excitatory neurotransmitters.



-  **Excitatory neurotransmitter support**
-  **Adjunct that supports catecholamine synthesis**
-  **Suggested uses: low energy, low mood**

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 60

	Amount Per Serving	% DV
N-acetyltyrosine	500 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules)
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.




NEUROVITAMIN

60 Capsules

Product description

NeuroVitamin contains the biologically active forms of many vitamins and minerals and provides 100% of the RDA for the majority of its ingredients. It is packaged as a capsule rather than a pressed tablet for increased absorption. NeuroVitamin is designed to be used as an adjunct to therapeutic regimens.



-  **Complete multivitamin formula**
-  **Provides 100% RDA for most vitamins and minerals**
-  **Suggested uses: adjunct to neurotransmitter interventions**

Supplement Facts

Serving Size 2 Capsules
Servings Per Container 30

	Amount Per Serving	% DV
Vitamin A (50% as beta carotene, 25% as retinyl acetate)	5000 IU	100%
Vitamin C (as ascorbic acid)	60 mg	100%
Vitamin D (as cholecalciferol)	400 IU	100%
Vitamin E (as d-alpha tocopheryl succinate)	30 IU	100%
Thiamine (as thiamine HCL)	1.5 mg	100%
Riboflavin	1700 µg	100%
Niacin (as niacinamide)	20 mg	100%
Vitamin B6 (as pyridoxine HCL & pyridoxal 5' phosphate)	2 mg	100%
Vitamin B12 (as hydroxy B12)	6 µg	100%
Biotin	30 mg	100%
Folic Acid (as folacin)	400 µg	100%
Pantothenic Acid (as calcium pantothenate)	10 mg	100%
Calcium (from calcium citrate)	100 mg	10%
Magnesium (as magnesium glycinate)	50 mg	12%
Zinc (as zinc gluconate)	15 mg	100%
Selenium (as selenium monomethionine)	40 µg	57%
Manganese (as manganese aspartate)	2 mg	100%
Chromium (as chromium polynicotinate)	122 µg	100%
Molybdenum (as molybdenum aspartate)	76 µg	100%
Iodine (as iodine & iodide)	255 µg	150%
Choline (as choline bitartrate)	100 mg	†
Inositol	100 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.
Other Ingredients: Vegetable Cellulose (vegetarian capsules)
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to cure, treat, or prevent any disease. Individual results may vary.

NORLOX

60 Capsules

Product description

Changes in mood and mental health have been associated with inflammation. NorLox supports healthy brain function by inhibiting proinflammatory cytokines which trigger both the sympathetic and hypothalamic-pituitary-adrenal stress response. NorLox contains acetyl-11-keto-beta-boswellic acid which is a potent inhibitor of 5-lipoxygenase (5-LOX), the enzyme responsible for the production of pro-inflammatory leukotrienes. Acetyl-11-keto-beta-boswellic acid also prevents TNF- α induced expression of matrix metalloproteinases (MMPs) and upregulation of adhesion molecules, both of which are involved in the movement of leukocytes to the site of inflammation. NorLox also provides 5-HTP to support serotonin levels which can be reduced by pro-inflammatory cytokines. Acetyl-L-carnitine is included as a cognitive enhancer which acts by promoting mitochondrial health and modulating redox-dependent mechanisms which support neuron survival and longevity¹⁴.






Supplement Facts

Serving Size 2 Capsules
Servings Per Container 30

	Amount Per Serving	% DV
Thera Mix 6™	1130 mg	†
5-LOXIN® + Boswellia serrata extract, standardized to 30% AKBA (acetyl-11-keto-beta-boswellic acid), Acetyl-L-carnitine HCl, and 5-hydroxytryptophan (from Griffonia simplicifolia seed extract)		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Microcrystalline Cellulose, Magnesium Stearate, and Silica.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

-  **Neuroimmune modulator**
-  **Reduces activation of the stress response by pro-inflammatory cytokines**
-  **Suggested uses: anxiousness, focus, concentration**

SERENE

60 and 120 Capsules

Product description

Serene is an amino acid formula that supports serotonergic neurotransmission. As an inhibitory neurotransmitter, optimal serotonin levels are important for healthy sleep and a positive mood. Serene contains vitamin and mineral cofactors essential for serotonin synthesis.






Supplement Facts

Serving Size 3 Capsules
Servings Per Container 60

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	600 mg	1000%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	5 mg	250%
Folate (as folic acid)	266 µg	67%
Calcium (from calcium citrate)	147 mg	15%
5-hydroxytryptophan (from Griffonia simplicifolia seed extract)	200 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Cellulose, and Magnesium Stearate.
Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

-  **Inhibitory neurotransmitter support**
-  **High-quality 5-HTP plus cofactors**
-  **Suggested uses: low mood, anxiousness**

5-LOXIN® is a registered trademark of PL Thomas & Co., Inc. International. Patents Pending.

These statements have not been evaluated by the Food and Drug Administration. These products are not intended to cure, treat, or prevent any disease. Individual results may vary.

SERENE PLUS

60 Capsules

Product description

Serene Plus strongly supports inhibitory neurotransmission through a combination of amino acids and vitamin and mineral cofactors.

5-hydroxytryptophan (5-HTP) is included to support the production of serotonin. The amino acid theanine has been widely studied for its ability to produce a calming effect and prevent over-stimulation. The inhibitory nature of Serene Plus works to counteract the effects of excessive excitatory neurotransmitter levels that can lead to anxiousness.



Supplement Facts

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	36 mg	60%
Niacin (as niacinamide)	20 mg	100%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	17 mg	830%
Folate (as folic acid)	133 µg	33%
Vitamin B12 (as cyanocobalamin)	20 µg	333%
Magnesium (from magnesium glycinate)	88 mg	22%
Zinc (from zinc nicotinate)	7 mg	44%
Amino Select 8™	800 mg	†
Suntheanine® (L-theanine) and 5-hydroxytryptophan (from Griffonia simplicifolia seed extract)		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Microcrystalline Cellulose, and Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- ◆ Inhibitory neurotransmitter support
- ◆ High-dose L-theanine, 5-hydroxytryptophan
- ◆ Suggested uses: anxiousness, over-excitation

TAURINE

60 Capsules

Product description

NeuroScience, Inc.'s Taurine delivers 500mg/capsule to enhance a wide range of biological functions. Taurine is a sulfur-containing amino acid that increases bile salt formation, reduces the effects of oxidation and supports other organ systems. It also provides support to the inhibitory neurotransmitter GABA by acting as a GABA receptor agonist.



Supplement Facts

	Amount Per Serving	% DV*
Taurine	500 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.

† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules)

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- ◆ Inhibitory neurotransmitter support
- ◆ Adjunct that supports GABA function
- ◆ Suggested uses: anxiousness, sleeplessness

THEANAQ

90 Capsules

Product description

The ingredients in TheaNAQ promote healthy brain function by modulating glutamate signaling, reducing oxidative stress due to excitotoxicity, and promoting cellular energy, all of which help avoid neurodegeneration. Glutamate is one of the primary excitatory neurotransmitters in the brain. High levels of glutamate can lead to excess neuronal stimulation resulting in neuronal death, a process known as excitotoxicity. L-theanine helps protect neurons from excitotoxicity by blocking glutamate receptors. *N*-acetylcysteine helps prevent excitotoxicity by decreasing glutamate levels in the synapse and supports the formation of glutathione which reduces oxidative stress. Coenzyme Q10 is also included to help regulate glutamate, protect cell membrane lipids from oxidation, and promote cellular energy production.






Supplement Facts

Serving Size 2 Capsules Servings Per Container 45		
	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	100 mg	167%
Folate (as calcium folinate)	100 µg	25%
Selenium (from selenomethionine)	70 µg	100%
Proprietary Blend: <i>N</i> -acetylcysteine, Alpha-Lipoic acid, Coenzyme Q10, and Suntheanine® (L-theanine)	1000 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Microcrystalline Cellulose, and Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

-  **Modulates glutamate activity**
-  ***N*-acetylcysteine, Coenzyme Q10, L-theanine**
-  **Suggested uses: anxiousness, cravings, fixations & urges**

TRANSLEANPLUS

120 Capsules

Product description

TransLean Plus is an amino acid formula designed to address food cravings and appetite control. Contains *Mucuna pruriens*, as a source of 3,4-dihydroxyphenylalanine (L-DOPA), the precursor to dopamine. L-phenylalanine is included to support the synthesis of PEA, as well as the production of the appetite-suppressing peptide, cholecystokinin (CCK). *N*-acetyltyrosine supports the production of the catecholamines. 5-hydroxytryptophan (5-HTP) is included to enhance the synthesis of serotonin which has been shown to have appetite-suppressing effects. This all-in-one formula greatly simplifies dosing and reduces cost.






Supplement Facts

Serving Size 3 Capsules Servings Per Container 40		
	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	33 mg	55%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	6 mg	300%
Folate (as folic acid)	132 µg	33%
Vitamin B12 (as cyanocobalamin)	132 µg	2200%
Pantothenic acid (from calcium pantothenate)	167 mg	1665%
Calcium (from calcium citrate)	72 mg	7%
Selenium (from selenomethionine)	57 µg	81%
Chromium (from chromium polynicotinate)	201 µg	168%
Amino Select 13™ <i>N</i> -acetylcysteine, L-glutamine, D,L-phenylalanine, <i>N</i> -acetyltyrosine, 5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract), and <i>Vicia faba</i> bean extract (standardized to 50% L-DOPA)	2346 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules) and Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

-  **Excitatory neurotransmitter support**
-  **Supports multiple neurotransmitter systems**
-  **Suggested uses: appetite control, cravings**

TRAVACOR

120 Capsules

Product description

TravaCor provides gentle support for the inhibitory neurotransmitter system through a unique combination of amino acids and vitamin and mineral cofactors. The amino acid L-theanine (Suntheanine®) is included and has been widely studied for its ability to produce a calming effect and prevent over-stimulation. 5-hydroxytryptophan (5-HTP) is included to support the production of serotonin. Taurine acts by promoting GABA receptor activity. TravaCor is recommended for those with difficulty falling asleep, staying asleep, highly anxious individuals, and those with restlessness.

Also available in sample packs. See page 19.



Supplement Facts

Serving Size 3 Capsules
Servings Per Container 40

	Amount Per Serving	% DV
Vitamin C (as ascorbic acid)	40 mg	67%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	25 mg	1245%
Folate (as folacin)	200 µg	50%
Vitamin B12 (as methylcobalamin)	30 µg	500%
Magnesium (from magnesium glycinate)	200 mg	50%
Zinc (from zinc picolinate)	10 mg	66%
Selenium (from selenomethionine)	70 µg	100%

Amino Select 3™ 900 mg †
Taurine, 5-hydroxytryptophan (from *Griffonia simplicifolia* seed extract), and Suntheanine® (L-theanine)

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Rice Flour, and Magnesium Stearate.

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- ◆ Inhibitory neurotransmitter support
- ◆ Our best-selling inhibitory formula
- ◆ Suggested uses: sleep issues, anxiousness, restlessness

TYROSINE SPRAY

120 mL, 180 sprays per bottle

Product description

Tyrosine Spray delivers 40 mg of N-acetyltyrosine per pump in a liposomal formula. Tyrosine Spray has been prepared with a pleasant black cherry flavor.

This sublingual preparation allows for rapid delivery when a stimulating or energizing effect is needed. It is ideal for those patients who can not swallow capsules or who are sensitive to the stimulating effects of other excitatory products.

As a precursor to the catecholamines, dopamine, norepinephrine, and epinephrine, Tyrosine Spray can be used to support the excitatory neurotransmitter system.



Supplement Facts

Serving Size 3 Sprays (2 mL, 0.07 fl.oz.)
Servings Per Container 60

	Amount Per Serving	% DV
N-acetyltyrosine	120 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Purified Water, Fructose, Natural Flavors, *Stevia rebaudiana* Leaf Extract, Benzyl Alcohol, Hydroxylated Lecithin, Sodium Citrate, Methylparaben, and Propylparaben.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy.

- ◆ Excitatory neurotransmitter support
- ◆ Liposomal N-acetyltyrosine enhances catecholamines
- ◆ Suggested uses: fatigue, mood

SAMPLE PACKS

Sample packs are available in boxes of 15. Labeled for individual sale.



ADRECOR

15 six-capsule sample packs. See page 8 for detailed product information.



KAVINACE

15 four-capsule sample packs. See page 13 for detailed product information.



TRAVACOR

15 four-capsule sample packs. See page 18 for detailed product information.

Specialty Products

NeuroScience is proud to offer these selected products from reputable manufacturers. In an effort to provide our customers with the most effective and innovative means of addressing nervous and endocrine system health, we have not overlooked the potential benefits these products can offer.



Isocort by Bezwecken 249 Pellets

Ingredients: Freeze-dried Adrenal Cortex, Echinacea Extract, Prunus spp, and Lomatium Dissectum Root.
Other ingredients: Lactose and Lactase



ProgonB by Bezwecken 249 Pellets

Ingredients: Barbasco Extract, Dioscorea Quat. Extract, Fermented Plant Derived Progesterone, Crataegus Oxycantha, Medicago Satva, Avena Sativa and Prunus Spp.
Other ingredients: Lactose and Lactase



PhytoB by Bezwecken 249 Pellets

Ingredients: Barbasco Extract, Dioscorea Quat Extract, Fermented Plant Derived Progesterone, Soybean and Licorice Root Extracts, Fermented Plant Derived Estrogens, Crataegus Oxycantha, Medicago Sativa, Camellia Sinesis, Avena Sativa and Prunus Spp. Extract.



ReadiSorb Liposomal Glutathione by Your Energy Systems 4 oz.

Ingredients: Glutathione
Other ingredients: Purified Water, Glycerin, Hydroxylated Lecithin, Potassium Sorbate (as preservative).

ADRECOR JR.

Powder, 6.9 oz.

Product description

AdreCor Jr. supports adrenal function and the synthesis of the adrenal neurotransmitters, epinephrine and norepinephrine, with a combination of amino acids, vitamins, and other nutrients. This citrus-flavored powder formula is a good source of B-vitamins that are important to the production of the adrenal hormones required to combat stress and fatigue. AdreCor Jr. contains an extract of the adaptogen *Rhodiola rosea* extract, a source of biologically-active rosavins, which have been found to decrease the effects of stress and fatigue. The *Rhodiola rosea* extract in AdreCor Jr. is standardized to contain 3% rosavins. The amino acids N-acetyltyrosine and L-histidine are included to support the catecholamines and histamine, respectively.



Excitatory neurotransmitter support



Adrenal support formula



Suggested uses: inattention, lack of focus, low energy

Supplement Facts

Serving Size 1 Scoop (0.1 oz., 3.26 grams)
Servings per Container 60

	Amount Per Serving	% DV* for Children Under 4 Years of Age	% DV* for Adults & Children 4 or more Years of Age
Vitamin C (as ascorbic acid)	333 mg	833%	556%
Niacin (as niacinamide)	3 mg	37%	17%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	7 mg	952%	333%
Folate (as folacin)	67 µg	33%	17%
Vitamin B12 (as cyanocobalamin)	33 µg	1111%	556%
Pantothenic acid (from calcium pantothenate)	167 mg	3333%	1667%
Magnesium (from magnesium glycinate)	50 mg	25%	13%
Zinc (from zinc gluconate)	2 mg	21%	11%
Amino Select 14™	737 mg	†	†
L-methionine, L-histidine, N-acetyltyrosine, <i>Rhodiola rosea</i> root extract (standardized to 3% rosavins), and Green Tea leaf extract (70% epigallocatechin gallate)			

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Juice Max™ (carrot, orange juice powder), Xylitol, Lecithin (non GMO), Natural flavors (fruit based), Stevia, and Citric acid.

Does not contain wheat, corn, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy.

CALM-PRT JR.

Powder, 6.2 oz.

Product description

Calm-PRT Jr. is a combination of ingredients designed to relieve stress and restore proper communication within the hypothalamic-pituitary-adrenal (HPA) axis. Calm-PRT Jr. contains an extract of the adaptogen *Rhodiola rosea* extract, a source of biologically-active rosavins. The *Rhodiola rosea* extract in CalmPRT Jr. is standardized to contain 16% rosavins, which have been found to decrease the effects of stress and fatigue. Calm-PRT Jr. also contains SerinAid® 50P, a high-quality preparation of phosphatidylserine. Phosphatidylserine is a major component of cell membranes and has also been shown to restore sensitivity to desensitized cortisol receptors within the HPA axis. The amino acids glycine and taurine are included for additional inhibitory neurotransmitter support.



Excitatory neurotransmitter reduction



High-potency *Rhodiola rosea* and phosphatidylserine



Suggested uses: hyperactivity, anxiousness, sleep issues

Supplement Facts

Serving Size 3 Scoops (0.3 oz., 8.8 grams)
Servings Per Container 20

	Amount Per Serving	% DV*
Thera Mix 5™	1500 mg	†
<i>Rhodiola rosea</i> root extract (standardized to 16% rosavins), SerinAid® 50P (phosphatidylserine enriched soy lecithin), Glycine, and Taurine		

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Cherry Juice Powder, Natural Flavors, Xylitol, Cranberry Juice Powder, Xanthan Gum, Citric Acid, and Stevia.

Does not contain wheat, corn, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy

ENDOPLUS JR.

Root Beer Flavor

Spray, 60 mL

Product description

EndoPlus is an easy-to-administer, oral spray containing theanine and 5-hydroxytryptophan (5-HTP). This sublingual preparation is an advanced liposomal formula that allows for rapid delivery when a calming or relaxing effect is needed. The amino acid theanine has been widely studied for its ability to produce a calming effect and prevent over-stimulation. It has been postulated that theanine's effects are due to its ability to antagonize glutamate receptors, thereby dampening excessive excitatory neurotransmission. 5-HTP is included to support the production of serotonin.



Supplement Facts

Serving Size 2 Sprays (1.4 ml, 0.05 fl.oz.)
Servings Per Container 42

	Amount Per Serving	% DV
Suntheanine® (L-theanine)	100 mg	†
5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract)	30 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Purified Water, Fructose, Natural Flavors, Hydroxylated Lecithin, Potassium Sorbate (as preservative), and Citric Acid.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

Contains Lecithin from soy.

- ◆ Inhibitory neurotransmitter support
- ◆ Liposomal L-theanine & 5-HTP spray
- ◆ Suggested uses: anxiousness, sleep disturbances, restlessness

ENDOTREX

Spray, 60 mL

Product description

EndoTrex is an easy-to-administer, oral spray containing theanine. This sublingual preparation is an advanced liposomal formula that allows for rapid delivery when increased mental acuity and concentration are needed. The amino acid theanine has been widely studied for its ability to produce a calming effect and prevent over-stimulation. It has been postulated that theanine's effects are due to its ability to antagonize glutamate receptors, thereby dampening excessive excitatory neurotransmission.

Available in Citrus or Root Beer flavors.

Citrus Flavor

Root Beer Flavor



Supplement Facts

Serving Size 2 Sprays (1.4 ml, 0.05 fl.oz.)
Servings Per Container 42

	Amount Per Serving	% DV
Suntheanine® (L-theanine)	100 mg	†

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: A proprietary blend of purified water, fructose, natural flavors, hydroxylated lecithin, potassium sorbate (as preservative), and citric acid.

Does not contain salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.

- ◆ Inhibitory neurotransmitter support
- ◆ Liposomal L-theanine spray
- ◆ Suggested uses: restlessness, attention, focus

TRAVACOR JR.

120 Capsules

Product description

TravaCor Jr. provides gentle support for the inhibitory neurotransmitter system through a unique combination of amino acids with vitamin and mineral cofactors. The formula is packaged in a small capsule, making it easier for children and those with difficulty swallowing pills. The amino acid L-theanine (Suntheanine®) is included and has been widely studied for its ability to produce a calming effect and prevent over-stimulation. 5-hydroxytryptophan (5-HTP) is included to support the production of serotonin. Taurine acts by promoting GABA receptor activity. TravaCor Jr. is recommended for those with difficulty falling asleep, staying asleep, anxious individuals and those with restlessness.



Supplement Facts

	Amount Per Serving	% DV* for Children Under 4 Years of Age	% DV* for Adults & Children 4 or more Years of Age
Vitamin C (as ascorbic acid)	36 mg	90%	60%
Vitamin B6 (as pyridoxine HCl & pyridoxal 5'-phosphate)	6 mg	857%	300%
Folate (as folacin)	50 µg	25%	13%
Vitamin B12 (as methylcobalamin)	6 µg	200%	100%
Magnesium (from magnesium glycinate)	46 mg	23%	12%
Zinc (from zinc picolinate)	2 mg	25%	13%
Selenium (from selenomethionine)	6 µg	†	9%
Amino Select 3™	226 mg	†	†
Taurine, 5-hydroxytryptophan (from <i>Griffonia simplicifolia</i> seed extract), and Suntheanine® (L-theanine)			

* Percent Daily Values (DV%) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Other Ingredients: Vegetable Cellulose (vegetarian capsules), Rice Flour, and Magnesium Stearate

Does not contain wheat, corn, soy, salt, sucrose, starch, yeast, artificial flavors, artificial colorings, or other known allergens.



Inhibitory neurotransmitter support



Smaller capsule size is ideal for children



Suggested uses: sleep issues, anxiousness, restlessness, hyperactivity

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Glossary of Ingredients

5-Hydroxytryptophan (5-HTP) is the amino acid intermediary in the synthesis of serotonin. Taken orally, 5-HTP is easily absorbed from the GI, readily crosses the blood-brain barrier, and is converted to serotonin by the actions of the enzyme, amino acid decarboxylase.

Acetyl-L-carnitine is neuroprotective and promotes mitochondrial health.

AKBA (acetyl-11-keto-beta-boswellic acid) 5-LOXIN® inhibits the production of pro-inflammatory leukotrienes via inhibition of the enzyme 5-lipoxygenase. 5-LOXIN® is a registered trademark of PL Thomas & Co., Inc. International. Patents Pending.

Alpha-Lipoic Acid is an antioxidant the literature has suggested may have benefits in memory enhancement.

Boswellia serrata extract includes compounds that block the production of leukotrienes by inhibiting the enzyme, 5-lipoxygenase (5-LOX).

Calcium stimulates cellular processes that lead to catecholamine release and an increase in tyrosine hydroxylase gene expression.

Chromium is a required factor in carbohydrate and fat metabolism and is generally lacking in the normal diet.

Coenzyme Q10 is a cofactor in the production of cellular energy and acts as an antioxidant for cellular and mitochondrial membranes. It also helps in the regulation of glutamate.

Epigallocatechin galate (EGCG) is a natural component of green tea and is an antioxidant. EGCG has also been studied for its ability to stimulate metabolism.

Fish protein hydrolysate has been shown to support intestinal health and reduce the effects of stress.

Folic acid is necessary cofactor to the enzyme, tyrosine hydroxylase, which converts tyrosine to L-DOPA. Folic acid also serves as a methyl donor in a number of neurotransmitter pathways, including the conversion of norepinephrine to epinephrine.

Glutamine is a conditionally essential amino acid that serves as the precursor to the neurotransmitters GABA and glutamate. It also supports immune and gastrointestinal function.

Glycine serves as an inhibitory neurotransmitter as well as a precursor to a number of other amino acids in the body.

Histidine is a semi-essential amino acid that serves as the precursor to histamine. Histidine is an important component of many enzymes that affect neurotransmitter function.

Krill oil is a source of the omega-3 fatty acids DHA and EPA. Krill oil also contains astaxanthin, a potent antioxidant.

Magnesium is a GABA receptor agonist and a glutamate (NMDA) receptor antagonist. It has been shown to reduce brain excitability.

Methionine is the amino acid precursor to S-adenosylmethionine (SAME), which is a required cofactor in the conversion of norepinephrine to epinephrine as well as the conversion of L-DOPA to dopamine.

Mucuna pruriens is a natural source of 3,4-dihydroxyphenylalanine (L-DOPA), the amino acid intermediary in dopamine synthesis. NeuroScience, Inc.'s *Mucuna pruriens* extract is standardized to contain 50% L-DOPA.

N-acetylcysteine (NAC) supports sulfur-containing pathways. NAC is a more soluble and less hygroscopic form of cysteine, making it very stable.

NAC is converted to cysteine within the body by the actions of deacylase, an enzyme found ubiquitously in the intestines. Cysteine is a key component of glutathione, the body's toxin-neutralizing powerhouse.

Niacin is a B-vitamin that supports adrenal function and the production of adrenal hormones.

Pantothenic acid is a B-vitamin that supports adrenal function and the production of adrenal hormones.

Phenylalanine is easily absorbed and readily crosses the blood-brain barrier where it is converted to the catecholamines in a multi-step enzymatic process. Phenylalanine can also be converted to phenylethylamine (PEA) by amino acid decarboxylase. The D-isoform of phenylalanine may enhance endorphin activity by inhibiting enkephalinase, the enzyme responsible for endorphin degradation. D-phenylalanine also stimulates the production of the appetite-suppressing peptide, cholecystokinin (CCK).

Phosphatidylserine is a major phospholipid in the brain and is involved in many aspects of cellular membrane function.

Rhodiola rosea is a natural product that has been found to decrease the effects of stress and fatigue on mental performance. These effects have been attributed to the ability of *Rhodiola rosea* extract to influence the levels and activity of monoamine neurotransmitters. NeuroScience, Inc.'s *Rhodiola rosea* extract is standardized to contain 16% rosavins.

Riboflavin serves as a precursor to flavin adenine dinucleotide, a coenzyme involved in the energy-producing mitochondrial electron-transport chain. It has been postulated that headaches could be due to a deficiency in neuronal energy systems.

Selenium is involved in a number of detoxification mechanisms. Selenocysteine is a component of glutathione peroxidase, an enzyme that may behave as an antioxidant to protect tissues against methylmercury toxicity.

Taurine is an inhibitory amino acid that increases the effects of GABA by enhancing the interaction with its receptor.

Theanine is an amino acid naturally found in green tea and has been widely studied for its calming effects. The ability of theanine to reduce over-stimulation is thought to be due to its function as a glutamate receptor antagonist. Theanine has been found to prevent the death of neurons exposed to oxidative stress or glutamate over-stimulation.

Vicia faba is a natural source of 3,4-dihydroxyphenylalanine (L-DOPA), the amino acid intermediary in dopamine synthesis. NeuroScience's *Vicia faba* extract is standardized to contain 50% L-DOPA.

Vitamin B6 is a required enzymatic cofactor in numerous metabolic processes, including the synthesis of neurotransmitters such as serotonin and dopamine.

Vitamin B12 supports methylation pathways including the formation of S-adenosylmethionine and the elimination of the neurotoxic compound, homocysteine.

Vitamin C is a necessary cofactor in the conversion of dopamine to norepinephrine by the enzyme, dopamine monoxygenase. It is also required for the conversion of 5-hydroxytryptophan to serotonin, however it inhibits peripheral conversion in the GI tract.

Zinc is a mineral required for the function of numerous enzymatic pathways.

Notes:

Notes:

Additional Resources



Audio CD Library



Patient Brochures



**Clinician's Update
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