



SYSTEMIC FORMULAS INC
The Leader in Cellular Nutrition

#433 GCEL
(Intracellular Glutathione)



▼ INGREDIENTS

SUPPLEMENT FACTS		
Serving Size: 2 capsules *DV not established		
Amount Per Serving		% Daily Value
Vitamin C (Magnesium Ascorbate).....	550 mg	917%
Vitamin D.....	400 IU	100%
Thiamin HCl (Vitamin B1).....	10 mg	667%
Riboflavin-5-Phosphate (Vitamin B2).....	40 mg	2353%
Vitamin B6 (Pyridoxine HCl).....	60 mg	3000%
Folate-5-MTHF.....	400 mcg	100%
Methylcobalamin/Hydroxycobalamin.....	200 mcg	3333%
Magnesium (Ascorbate, Chelate).....	65 mg	16%
Zinc (Chelate).....	2 mg	13%
Selenium (Selenomethionine).....	75 mcg	107%
Manganese (Chelate).....	2 mg	100%
Chromium (4OH-ISO Picolinate).....	110 mcg	92%
Molybdenum (Chelate).....	75 mcg	100%
Glutathione Proprietary Blend..... 560 mg		
L-Glutathione (Reduced); N-Acetyl L-Cysteine; L-Taurine; L-Glutamine; Milk Thistle (Seed); Cardamom (Seed); Ribose; R-Alpha Lipoic Acid; Turmeric; Green Coffee; Cacao; Cordyceps; Green Tea (Ext); Quercetin; S-Acetyl L-Glutathione		

Other Ingredients: Gelatin, Leucine, Vegetable Stearate and Silica.

▼ DOSAGE

- Take with or without food. Optimal therapeutic dose is 4 capsules/day, usually taken away from food. Maintenance: one capsule daily.

▼ PACKAGING

- Capsules: 120 capsules/eco-bottle.

▼ PERSPECTIVE

Glutathione interacts with free radicals before they can start damaging cascades, neutralizes them, and safely turns them over to Vitamin E for other metabolic processes. GSH also binds xenobiotic substances and dangerous wastes in the liver to help with their excretion. It assists in protecting red blood cells. GSH combines with selenium to support the heart, the blood, the thyroid and liver as a coenzyme that controls oxidative processes. Use of aspirin, trans-fats (partially hydrogenated oils) and prescription drugs can deplete the body's GSH supplies.

▼ LIFESTYLE



no gluten



no gmo



no sugar



no dairy



no egg

#433 GCEL (Intracellular Glutathione)

Glutathione (GSH) is the body's premier antioxidant and normal cellular metabolic waste control molecule. Historically, glutathione supplementation has been ineffective because it is degraded in the G.I. Tract and in the bloodstream, thus supplemental sources have been difficult to get to the cells. Instead, people would supplement the three amino acid components of GSH—Cysteine, Glycine, and Glutamic Acid. That changed with the advent of "acetyl glutathione," the form that research proves reaches the cells. GCEL provides a full array of glutathione supportive nutrients, plus botanical synergists.

▼ INDICATIONS

- Support the body's primary purification processes
- Premier cellular antioxidant
- Support cell membrane normal health
- Support normal hormonal balance
- Immune system normal support
- Support normal DNA and telomere processes
- Conserve activity of Vitamins C and E
- Normal glucose metabolic processes
- Support optimal muscle performance
- Support normal cellular aging processes

▼ KEY COMPONENTS

- Vitamin C** – Supports normal GSH levels in red blood cells. Works with GSH for normal cell health.
- Folate/5MTHF (5-Methyltetrahydrofolate)** – Critical to keep the body producing glutathione. The form that supports cellular metabolism, even if there are MTHFR genetic anomalies.
- Chromium** – Supports glutathione's impact on DNA integrity. Helps protect against oxidative damage.
- Alpha Lipoic Acid** – Second in importance to the cell after glutathione. Involved in energy production, blood sugar control, brain health and the body's normal purification processes. Often depleted due to stress.
- Selenomethionine** – A source of selenium, an important mineral that helps the body recycle and produce more glutathione.
- Milk Thistle** – Silymarin has long been used to support overall liver function and helps maintain normal glutathione levels.
- Ribose** – Ribose is a highly absorbable sugar desired by the cells; facilitates cysteine to make glutathione.
- Taurine** – Taurine and glutathione (GSH) have antioxidant and central nervous system protective properties. Taurine helps regulate glutathione.
- Glutamine** – A precursor nutrient necessary for the body to make glutathione.
- Methylcobalamin/Hydroxycobalamin (Vit B₁₂)** – Methylated B₁₂ and natural, bacteria-derived B₁₂ are very reactive forms of B₁₂. Glutathione protects B₁₂ from association with toxic and xenobiotic molecules. B₁₂ is a catalyst for the body to produce glutathione.

- Turmeric** – Supports normal self-protective processes regarding oxidative stress and increases glutathione.
- Vitamin B₆** – Is necessary for production of glutathione via methylation processes. Methylation and the production and recycling of glutathione are the two most important biochemical functions in the body.

▼ CONTRAINDICATIONS

Pregnancy, renal failure, organ transplants, diabetics taking insulin.

▼ CLINICIAN CONSENSUS

- Intracellular Detoxification System:
#433 GCEL - Intracellular Glutathione
#404 BIND - Toxin Elimination

▼ BACKGROUND

Dr. Shayne Morris, at the request of Dr. Dan Pompa, an advocate of glutathione as a supplement to facilitate normal cellular purification and maintenance processes, applied the acetyl form of glutathione with synergistic nutrients to make this state of the art, metabolic, cell protective supplement. Clinicians often use GCEL in conjunction with the BIND formula to support normal cellular metabolic and drainage processes.

▼ SYNERGISTIC CONSIDERATIONS

- #820/#821 EPIC** - Metabolic Antioxidant
- #850/#851 MoRS** - Methylation Donor
- #810/#811 eNRG** - Quantum Cellular ATP Energy
- #840/#841 EVENTA** - Cellular Enzyme Corrector
- #184 ROX** - Super Antioxidant w/ Resveratrol
- #404 BIND** - Toxin Elimination
- #870/#871 Spectra1** - Whole Food, Cell Multi Vit/Min
- #115 B16** - 16 B Vitamins Stress Complex

▼ INFORMATION RESOURCES

- www.systemicformulas.com

Quality Control: All herbal ingredients are tested before use for: microbes, heavy metals/contaminants, and assurance of correct genus/species.

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FORMULAS**

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