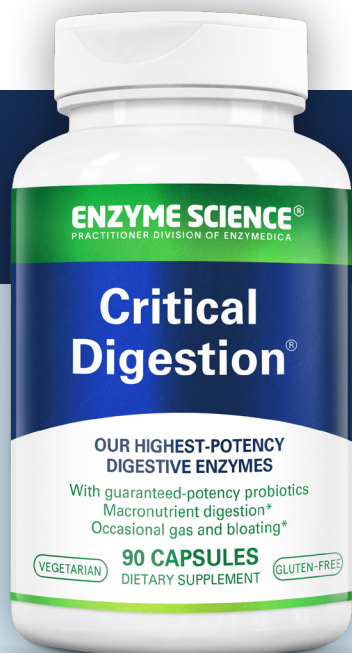


ENZYME SCIENCE®

PRACTITIONER DIVISION OF ENZYMEDICA



Critical Digestion™

Our Highest-Potency Digestive Enzymes

Between 30% to 40% of adults experience occasional indigestion and abdominal discomfort.¹ However, research shows that supplementing with digestive enzyme supplements can significantly reduce abdominal discomfort and bloating.^{*2} Studies have also concluded that supplements that combine enzymes with probiotics also show great promise for overall digestive health.³

Critical Digestion™ offers maximum-strength digestive support, with both the highest-potency digestive enzymes and guaranteed-potency probiotics.*

- With guaranteed-potency probiotics
- Macronutrient digestion*
- Occasional gas and bloating*

Critical Digestion™ combines the highest-potency digestive enzymes with guaranteed-potency probiotics. With Thera-blend™ enzymes formulated to work synergistically across the diverse pH range of the GI tract and 8 diverse strains of shelf-stable probiotics (1.25 billion CFU per capsule). Maximum strength digestive support.*

How Enzymes Support Digestion

The body naturally produces digestive enzymes, which break down food into nutrients and molecules small enough for the body to absorb and use for metabolism of energy, growth and cell repair.⁴ It takes adequate amounts of digestive enzymes to properly digest food and assimilate the nutrients. Age takes a toll on digestive enzyme production, as do factors such as the standard Western diet.

Insufficient enzyme supplies can slow down the digestive process, causing food to remain undigested or partially digested in the stomach. Inefficient or slower digestion can cause abdominal discomfort and occasional constipation, due to the gas produced when bacteria ferment undigested carbohydrates in the colon.⁵ Slow digestion can also cause reduced nutrient absorption. However, digestive enzyme supplements offer support without impacting the body's natural production of enzymes.*

The Digestive Enzymes in Critical Digestion™

Critical Digestion™ delivers maximum-potency enzymes to break down the nutrients in a typical meal. We include enzymes that digest carbohydrates, protein, fiber, fat and dairy.* Since enzymes work at different pH levels, Enzyme Science includes multiple variants of many enzymes. Our Thera-blend® enzymes provide extra-strength meal digestion.* We ensure they can get where they need to go – so they can get to work.

The formula includes dipeptidyl peptidase IV (DPP-IV), proven break down moderate amounts of gluten (a protein in wheat, rye and barley) and casein (dairy protein).^{*3,6}

Lactase is known to significantly reduce the onset of occasional bloating, gas and abdominal discomfort by efficiently digesting lactose (milk sugar).^{*7} Randomized, placebo-controlled trials have shown that alpha galactosidase breaks down carbohydrates into easily digestible sugars to reduce gas production and related abdominal symptoms in adults.^{*10,11,12}

Cellulase is a category of enzymes the body does not produce. These enzymes must be consumed in foods or as a supplement. Critical Digestion™ includes cellulase, pectinase and hemicellulase enzymes to digest fiber molecules in plant cell walls, to better assimilate plant-based nutrients.

SUPPLEMENT FACTS

Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 30

Amount Per Serving	%DV
Amylase Thera-blend®	23,000 DU **
Protease Thera-blend®	75,000 HUT **
ATPro® (ATP, Magnesium Citrate, Phytase, CoQ10)	78 mg **
Glucoamylase	50 AGU **
DPP-IV	250 DPPU **
Lipase Thera-blend®	4,000 FIP **
Alpha Galactosidase	500 GalU **
Pectinase	150 Endo-PGU **
Cellulase Thera-blend®	1,500 CU **
Lactase	900 ALU **
Beta Glucanase	25 BGU **
Xylanase	1,000 XU **
Maltase	200 DP* **
Probiotic Blend DE111® <i>Bacillus subtilis</i> , <i>Lactobacillus paracasei</i> , <i>L. plantarum</i> , <i>L. gasseri</i> , <i>L. rhamnosus</i> , <i>L. casei</i> , <i>L. acidophilus</i> DDS-1, <i>L. bulgaricus</i>	1.25 Billion CFU **
Invertase	535 SU **
Hemicellulase	50 HCU **

** Daily Value (DV) not established

OTHER INGREDIENTS:

100% vegetarian capsule (cellulose, water)

100% vegetarian capsule (cellulose, water)

CONTAINS NO: Casein, Crustaceans, egg, fish, gluten, milk, nuts sesame, shellfish, soy, Wheat artificial colors filler or flavors.

RECOMMENDED DOSAGE:

1 capsule per meal with the first bite of food.

More may be taken as recommended by a healthcare practitioner.



The Difference is Thera-blend®

Enzyme Science® Critical Digestion™ is formulated with a proprietary technology known as Thera-blend®, to deliver multiple enzymes that work synergistically across the entire pH spectrum of the GI tract. This proven technology gives Enzyme Science formulas superior potency. Our enzymes can survive the acidic and alkaline environments of the GI tract, so they can get to where they're needed.

With Guaranteed-Potency Probiotics

The gut microbiome houses roughly 40 trillion bacterial cells, and each strain plays a different role in digestion and overall health.⁸ Increased levels of methane and hydrogen byproducts of microbes in the gut contribute to gas and abdominal discomfort.⁹ Research suggests probiotic supplementation may balance and restore the gut microbiome to its optimal state and alleviate these discomforts.⁷ Critical Digestion™ delivers 1 billion CFU of a shelf-stable multi-strain blend. We use a lactic acid bacteria and Bacillus subtilis blend featuring DE111, which has demonstrated an improvement in GI symptoms and bowel habits.*

About ATP™

Metabolic reactions utilize nutrients to produce ATP (adenosine triphosphate), the body's energy source. ATP powers cellular or enzymatic reactions that require power, and it is vital for muscle contraction during digestion. The enzyme phytase releases phosphate, required for ATP synthesis, from the phytic acid found in foods. Coenzyme Q10 is fundamental in ATP production, and ATP must bind to magnesium to be biologically active.^{13,14} Replenishing ATP and supporting ATP production through the actions of CoQ10, magnesium citrate and phytase from ATP™ further promotes digestive health and energy.*

Critical Digestion™ Delivers Maximum-Strength Digestive Support*

Optimal health starts with optimal digestion. That requires sufficient enzymes to break down the foods we eat and provide the nutrients the body needs to maintain health and wellness. Critical Digestion™ is our highest-potency digestive enzyme formula with guaranteed-potency probiotics, delivering maximum-strength support for digestive symptoms like occasional gas and bloating.*

References

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*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



As the practitioner division of Enzymedica, America's #1 digestive enzyme company, we know you trust us to help your clients – our integrity and quality reflect the values of your practice. This is our promise.