

NEW AND IMPROVED

SAFE. EFFECTIVE. EASY.

# CytoDetox<sup>®</sup>



Supports the Body's  
Natural Ability to Detox

## OUR TOXIC STATE AND DIS-EASE

In 1974, the World Health Organization stated that environmental toxins create approximately 84% of all chronic diseases. Over the past 40 years this number has increased dramatically. Cellular toxicity is one of the major epidemics of this lifetime, and remains an underlying cause of numerous health issues.

In our modern toxic world, any health conscious consumer would agree that periodic detoxification is wise and needed. The market abounds with detox products declaring to rid the body of dangerous toxins, yet proven science and real results are scarce. Enter CytoDetox, a breakthrough, scientifically proven product that is revolutionizing the concept of detox and changing lives around the world.

## THE SCIENCE AND POWER OF NATURE

CytoDetox is a cutting-edge way to support the removal of environmental toxins like heavy metals, chemicals, pesticides and biotoxins at the cellular level, safely and 100% naturally. CytoDetox contains Molecular Clinoptilolite Fragments that come from zeolites. Zeolites (clinoptilolite) are natural minerals formed from fossilized volcanic ash and seawater that are known as nature's detoxifier for the environment.

Zeolites are negatively charged with a honeycomb-like cage structure that binds and traps toxins. CytoDetox is one-of-a-kind product with both water-soluble and insoluble zeolite molecules placed in a liposomal formula.

CytoDetox is the first nutraceutical to combine these two technologies (Molecular Clinoptilolite Fragments and Liposomes) to support your bodies natural ability to detoxify naturally and safely.

- ✓ CytoDetox uses a patent-pending process to deliver the first truly purified and water-soluble Molecular Clinoptilolite Fragments.
- ✓ Liquid Chromatography Mass Spectroscopy (LC-MS) analysis has proven the Molecular Clinoptilolite Fragments are water soluble and range in molecular weight between 200 and 2000 daltons (more than 10 times the molecular weight that is able to cross a cells mitochondrial membrane\*\*).
- ✓ CytoDetox clinoptilolite molecules range in size from approximately 1 to over 1000 nanometers, creating various cage structures with the ability to bind larger quantities of toxins in different body systems.
- ✓ Unique Molecular Clinoptilolite Liposome delivers soluble clinoptilolite directly into the lymph system and cells. CytoDetox is the ONLY and FIRST clinoptilolite detox support product to utilize liposomal technology for cellular delivery. Liposomes increase the efficacy and molecular concentration of every dose.
- ✓ Combines two powerful true binders together: Molecular Clinoptilolite Fragments and Fulvates, delivered through Liposomal Cellular Transport Technology™ (LCTT).

## THE HISTORY OF ZEOLITE IN THE ENVIRONMENT

Zeolite is known as nature's detoxifier for the environment. From a 'birds-eye' perspective, this mineral, zeolite clinoptilolite is formed from a chemical reaction between volcanic ash and saline water<sup>1</sup>. This reaction, which can take up to 50,000 years to complete<sup>2</sup>, creates a honeycomb porous cage structure with a natural negative charge. This natural structure acts like a sieve for toxins in the environment<sup>3,4,5</sup>.

In the last decade, the use of zeolites has become more advanced than ever in the natural health field with great results and research. Internal benefits have become more prominent with the use of micronized powders and water suspensions. Imagine having the power of this mineral that moves beyond your mouth, stomach and colon.

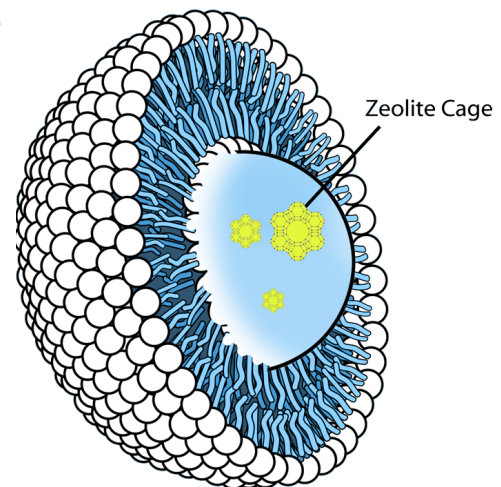
## MOLECULAR CLINOPTILOLITE FRAGMENTS™

Recently, a patent-pending proprietary process has been introduced and scientifically proven to fragment zeolite into smaller structures and cages (Molecular Clinoptilolite Fragments). These Molecular Clinoptilolite Fragments are pure water-soluble particles of the natural crystal structure which are small enough in size that they can permeate membranes such as the gut and blood-brain barrier.\*\*

This process of fragmentation is proven with the highest levels of analytical science. Liquid Chromatography Mass Spectroscopy (LC-MS) analysis has proven the particles created are water soluble and range in size between 200 and 2000 daltons. More than 10 times smaller than is able to cross a cells mitochondrial membrane.\*\* After thorough testing, the molecular clinoptilolite fragments found in solution are the correct molecular weight needed to maintain cage like structure(s). The fingerprint of the molecular clinoptilolite fragments was confirmed by multiple LC-MS analyses.

To further ensure CytoDetox crosses cellular membranes at the highest levels, we utilized a cellular delivery system developed by pharmaceutical companies called liposomal technology.

This technology was developed to deliver drugs into the lymph, blood and targeted cells.



**LIPOSOME**

CytoDetox uses our patent-pending liposomal cellular transport technology™ to improve the fully of soluble Molecular Clinoptilolite Fragments and larger insoluble clinoptilolite particles present beyond cellular barriers. Liposomes fuse with membranes, and then can release contents into the cell. The liposomes

present in CytoDetox are small and stable ranging in size from 20 to 250 nanometers. No other clinoptilolite or zeolite product is using this liposomal technology.

Also, the CytoDetox® solution has been tested for heavy metals and contains no detectable 'free' aluminum or heavy metal contamination. All of our Clinoptilolite is purified by a patent-pending process that exceeds all FDA and cGMP specifications for heavy metals.

By removing these heavy metal contaminants from the the cages, this process also increases the binding capacity of soluble Molecular Clinoptilolite Fragments and insoluble clinoptilolite particles.

## **SOLUBILITY**

CytoDetox contains water-soluble molecular clinoptilolite fragments (Clinoptilolite is part of the Zeolite family), as well as larger insoluble clinoptilolite particles with cleaned cages, and this is one of several reasons it is unique and effective.

In order to transform the zeolite crystal to a water-soluble crystal solution, the crystal needs to be broken down into the correct size and molecular weight to become water soluble.

During the process of creating the product, the challenge became breaking the crystal and creating molecular clinoptilolite fragments, while simultaneously making sure to preserve the cage-like structures necessary to maintain the ability to bind heavy metals and other toxins.

After thorough testing, the water soluble molecular clinoptilolite fragments found in solution are the correct size and molecular weight necessary to maintain cage like zeolite structure(s). The fingerprint of the molecular clinoptilolite fragments was confirmed by liquid chromatography and mass spectrometry (LC-MS) to range between 200 and 2000 daltons (more than 10 times the molecular weight that is able to cross a cells mitochondrial membrane).

## **SIZE**

CytoDetox contains clinoptilolite that range in molecular size (not weight) from approximately 1 to over 1000 nanometers. This produces various sizes and clusters of cage structures that have the ability to bind larger quantities of toxins in different body systems.

## PURITY & TESTING

Every batch of CytoDetox is tested with a full microbiological testing, according to strict industry requirements. Moreover, the lab operates according to the FDA, cGMP or GLP (good laboratory practices). The testing methodology used is United States Pharmacopeia (USP)/Bacteriological Analytical Manual (BAM) and Association of Analytical Chemists (AOAC) methodologies. Our purified CytoDetox test results for heavy metals, and microorganisms surpass all specifications even at higher clinical concentrations.

## INCREASED BINDING MECHANISM AND CAPACITY WITH FULVATES

To support the amazing discovery of molecular clinoptilolite fragments, the inventors combined a natural organic acid called fulvates to the CytoDetox formula. In the natural environment, the combination of organic acids like fulvates with zeolites increased heavy metal uptake and binding capacity.

Fulvates contain over 33 types of organic acids, amino acids and trace minerals all of which can be beneficial to our cells. Similar to clinoptilolite fragments, fulvates are fragments derived from humates. Fulvates have increased solubility and lower molecular weight while retaining phenolic carboxylic acid groups. Therefore, fulvic acids can bind metals through a true chelation process. Also, research indicates that fulvates are a natural redox molecule with antioxidant capacity and may neutralize harmful free radical toxins in the body<sup>6</sup>.

## SAFE & NATURAL WHOLE-BODY DETOX SUPPORT

CytoDetox provides an all-inclusive detox support system with water-soluble molecular clinoptilolite fragments, larger clinoptilolite molecules and fulvates with the ability to travel beyond the colon and liver, supporting your body's natural ability to detoxify throughout every cell. The clinoptilolite and liposomal technology contain ingredients provided by nature, with no known allergens or side effects, and start working immediately.

The clinoptilolite molecules have an exceedingly strong binding capacity to avoid toxin release and redistribution, a common problem in many other detoxification agents. This is why CytoDetox is known as a "true binder." CytoDetox is designed to assist the body to remove toxins blocking the body's natural state of excellent health<sup>7</sup>.

\*\*These statements have not been evaluated by the Food and Drug Administration.

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4. Romero, Cecily. "Zeolite Membranes for Removal of Contaminants in Drinking Water." EPA. [https://cfpub.epa.gov/ncer\\_abstracts/index.cfm/fuseaction/display.highlight/abstract/1173](https://cfpub.epa.gov/ncer_abstracts/index.cfm/fuseaction/display.highlight/abstract/1173).
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6. Van, C. E. "The Antiinflammatory Properties of Humic Substances: A Mini Review." *Phytotherapy Research* : PTR. June 2015. <https://www.ncbi.nlm.nih.gov/pubmed/25732236>.
7. Flowers, James L., Stewart A. Lonky, and Erik J. Deitsch. "Clinical Evidence Supporting the Use of an Activated Clinoptilolite Su | NDS." *Open Access Journal of Sports Medicine*. November 04, 2009. <https://www.dovepress.com/clinical-evidence-supporting-the-use-of-an-activated-clinoptilolite-su-peer-reviewed-article-NDS>.

## **DOSAGE SUGGESTIONS:**

### **Daily Maintenance CytoDetox® Dosage**

CytoDetox at the recommended daily dose is designed to support your body's natural ability to detoxify and combat oxidative stress from everyday toxic exposures.

Take 0.5 - 1 mL orally (½ - 1 dropper), 2 to 3 times a daily.

### **14-Day Ultra CytoDetox® Dosage**

To be Used Periodically for Deeper Cellular Cleansing Support.

For 14 days take 1 mL (1 dropper), 4 times a daily.

*NOTE: The Ultra CytoDetox dosage should be followed by a 7 to 14 day pause (off-cycle). This dosage can be used periodically for deeper cleansing. This dosage can also be lowered to the maintenance level during pause.*

### **Important Recommended Instructions:**

We recommend CytoDetox be taken on an empty stomach or 30 minutes after eating.

For increased effect, avoid eating or drinking for 15 - 30 minutes after taking CytoDetox.

Take CytoDetox under the tongue, and swish for 30 seconds prior to swallowing.

Increase your water intake for better results.

If you are currently utilizing CytoDetox within the True Cellular Detox™ Program, please follow directions and instructions provided in that program.

If uncomfortable detox symptoms occur (i.e. nausea, digestive distress, headaches, etc.)

pause your usage and discuss with your medical professional.

Dosing can be varied for desired results, please visit [www.CytoDetox.com](http://www.CytoDetox.com) for additional information.

"CytoDetox is a breakthrough discovery. I have been on CytoDetox for almost two years and take it because I want to stack the odds in my favor whenever possible."

**- David Avocado Wolfe**

"CytoDetox does a really, really good job at detoxifying the body..."

A recent blood test showed an impressive drop in my heavy metals levels."

**- Ben Greenfield**

**Get Yours at [www.CytoDetox.com](http://www.CytoDetox.com)**

Questions? Call (702) 960-4540 or Email [info@cytodetox.com](mailto:info@cytodetox.com)