

# GlutaMyst™ Cellular Nutrition Blend

## Innovation & Discovery

(3/15/2024)

### Introducing A Paradigm Shift In Anti-Aging Science

#### Powered By “10xPURE™ Inside”

Using industry standards and accepted practices to achieve a true nanosized Glutathione solution, CTFO has brought to the consumer a truly unique Glutathione product. CTFO made the decision to be transparent with the size and distribution of the Glutathione in the GlutaMyst™ product. Below is the report on the product:

Using technology first developed by the pharmaceutical industry to increase the bioavailability of chemotherapy drugs and to target the cells of interest, CTFO has brought decades of research and innovation to the market under the proprietary umbrella of the 10xPURE™ portfolio. Designed to be bioavailable and highly effective, this 10xPURE™ technology removes the barriers to the body being able to use everything this product has to offer.

Each particle of Glutathione is nanosized using standard techniques, reducing them to 65-75 nanometers and then encapsulating them with lipids that are the keys to getting into the cells of the body. This combination ensures the cells of the body can absorb the Glutathione easily based on industry studies that are easily researched at [www.pubmed.gov](http://www.pubmed.gov).

#### **18 Megaohm Ultra-Pure Water – The Purest Product Possible**

Starting with 18 megaohm ultra-pure water and only using pharmaceutical grade Glutathione with ultrapure lipids, CTFO delivers what we believe to be the purest product possible. The size of the Glutathione was chosen to deliver a complete whole Glutathione particle to the liver. Much smaller, and you will “break” the molecule, which the body may then not be able to use.

#### **Nano-Scale Size & Surface Area**

The advantage of nanosizing the Glutathione is the increase in surface area. The cells of the body can't ingest macro particles. They must be small enough with the correct chemical key to enter through the cell wall.

The surface area is important because the greater the surface area, the more cells can use the supplement. As an example, a typical nutrient is about 5 microns in size for most pills. Multiply by 1,000 and you have 5,000nm in diameter. We nanosized those 5,000nm particles down to 65nm-75nm particles. Theoretically, if we started with 100 particles inside the GlutaMyst™ 18ml bottle, after nanosizing those particles down to 65nm-75nm, this produces about 19,500 particles that your body can quickly and effectively use.

### **GlutaMyst™ Glutathione Cellular Nutrition Blend Powered By “10xPURE™ Inside”**

By increasing the surface area, GlutaMyst™ can supply what the body can effectively use while reducing the waste normally associated with oral supplements. GlutaMyst™ is paired with the Cellular Nutrition Blend to supply the cell with healing nutrition for the cell to use after the free radical is removed. This combination delivers the best resource for the cell to repair itself and function effectively.

### **Two Forces Meet: Van de Graff Meets Zeta Potential**

There are two forces that must be balanced to have a stable nanosized formula. First, is the Van de Graff force and second, is the Zeta potential. One is the force that causes the particles to come together and the other is the force that keeps them separated. CTFO has achieved that balance between these two quantum forces to deliver a remarkable product.

It is joked in the Western world that “More is better.” This is both dangerous and wasteful in the supplement industry. Many supplements have such large amounts simply to offset the reality that the majority turns into a waste which your body must deal with. GlutaMyst™ delivers a sensible amount of glutathione that minimizes waste products in your body.

### **Closing Comments**

Used daily, this product will continue to remove free radicals that we are exposed to on a daily basis. Even nanosized and encapsulated, your body can only process a set amount through the liver in a given amount of time. Any more than that turns to waste which is taxing on both the body and the pocketbook.

\*These statements have not been evaluated by the US Food & Drug Administration. This product is not intended to diagnose, treat, cure or prevent any malady, illness or disease. Always consult an accredited healthcare practitioner prior to starting any new nutritional regimen.

# Size Distribution Report by Intensity

v2.2



## Sample Details

Sample Name: TG 3  
SOP Name: mansettings.nano  
General Notes:

File Name: NanoShell.dts      Dispersant Name: Water  
Record Number: 33      Dispersant RI: 1.330  
Material RI: 1.45      Viscosity (cP): 0.8872  
Material Absorbtion: 0.010      Measurement Date and Time: Tuesday, December 19, 2023...

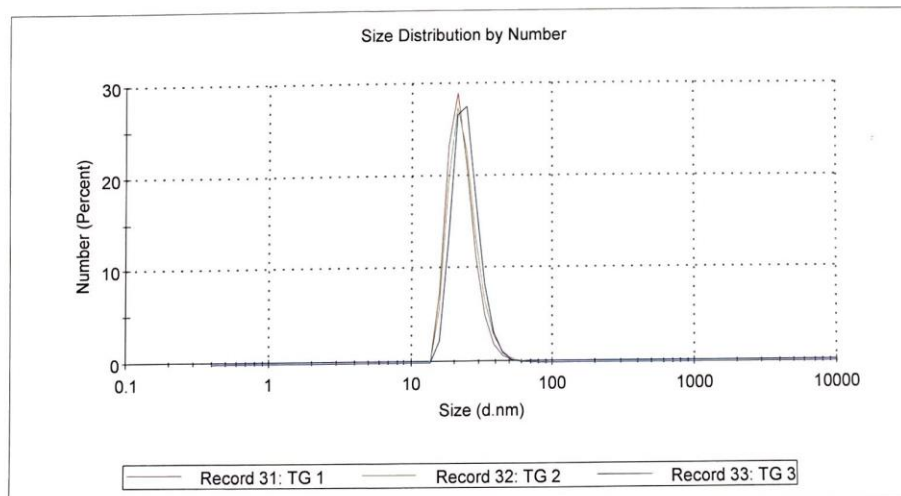
## System

Temperature (°C): 25.1      Duration Used (s): 80  
Count Rate (kcps): 150.9      Measurement Position (mm): 4.65  
Cell Description: Disposable sizing cuvette      Attenuator: 7

## Results

	Size (d.nm):	% Intensity:	St Dev (d.n...)
<b>Z-Average (d.nm):</b> 136.1	<b>Peak 1:</b> 269.3	68.7	203.4
<b>Pdl:</b> 0.500	<b>Peak 2:</b> 35.11	26.7	11.16
<b>Intercept:</b> 0.972	<b>Peak 3:</b> 5281	4.6	419.4

Result quality : Good



# GlutaMyst™

## Glutathione Cellular Nutrition Blend

Transform How You Age

### Revolutionizing Cellular Detoxification, Nourishment & Optimization

*Supported by 10xPURE™ Advances in Potency, Bioavailability & Delivery*

**Abstract: 03/15/2024**

**Objective:** This overview focuses on the problem of Glutathione being poorly bioavailable. This lack of bioavailability renders most Glutathione supplements ineffective in helping the body process and use Glutathione, an essential supplement for every cell of the body. The GlutaMyst™ 10xPURE™ technology helps in the removal of oxidized agents in the cell. GlutaMyst™ Cellular Nutrition Blend delivers the essential micronutrients that gives the cell the raw material to rebuild itself to a healthier cell. Comprised of over 60 trace minerals, metals, sugars, and amino acids, Cellular Nutrition Blend delivers the micronutrients the cell is lacking.

**Introduction:** Glutathione is a Tripeptide involved as a coenzyme in oxidation-reduction reactions in cells. Glutathione is derived from glutamic acid, cysteine, and glycine. Glutathione helps the body produce and recycle antioxidants, preventing free radicals from building up in the body. Glutathione also binds with harmful chemicals, heavy metals, and other toxins to be excreted.

GlutaMyst™ Cellular Nutrition Blend has the full complement (over 60 ingredients) of trace minerals, trace metals, essential sugars, and amino acids that the cells need for optimum health. Delivered in a way that the body recognizes, GlutaMyst™ Cellular Nutrition Blend is fully bioavailable to “feed” the cell after the Glutathione removes the oxidized and toxic material.

**Materials and Methods:** GlutaMyst™ Cellular Nutrition Blend is manufactured using pure pharmaceutical grade reduced Glutathione. This commitment to purity ensures that there aren't any contaminants or fillers in the product. Manufactured using a proprietary process, the Glutathione is reduced in size to 65 to 75 nanometers then encapsulated using layers of lipids that allow the transport of the Glutathione Tracy Mineral Complex to the liver. Using true nanosized Glutathione allows the body to efficiently utilize the Glutathione with minimum stress on the body. This process also supports GlutaMyst™ Cellular Nutrition Blend to be almost 100% bioavailable unlike most other Glutathione products on the market today.

**Encapsulation:** The bioavailability of encapsulated GlutaMyst™ Cellular Nutrition Blend strongly depends on the molecule size. Optimizing and confirming particle size during product formulation has therefore been a key point of focus during the development of GlutaMyst™ Cellular Nutrition Blend. Using certified manufacturing facilities to ensure quality along with state-of-the-art dynamic light scattering technology to verify size and distribution, GlutaMyst™ Cellular Nutrition Blend is optimized for maximum bioavailability.

**Stability:** The stability of nano preparations is routinely determined by calculating the zeta potential, and nano supplements with high zeta potentials are considered physically stabilized, while those with low zeta potential values are prone to coagulation or flocculation. GlutaMyst™ has shown itself to be stable and effective.

**Conclusion:** With an optimized particle size, the correct encapsulation technology that optimizes bioavailability, the laboratory testing to verify size and distribution, the research to verify safety and efficacy (NIH, PUBMED, Medline) of GlutaMyst™ Cellular Nutrition Blend is a cost and health effective supplement that, when used regularly, will help the physiology maintain better health.

**Data Availability:** Because of the proprietary nature of the GlutaMyst™ Glutathione Cellular Nutrition Blend technology and process, certain detail has currently been reserved for internal use only.

These statements have not been evaluated by the FDA. This product is not intended to diagnose, treat, cure or prevent any disease. Individual weight loss results will vary. <https://www.myctfo.com>