

HydraStat™

TECHNOLOGY



nutriswish™

neumi®

HydraStat™

TECHNOLOGY

This technology is an innovative technique that manipulates the natural properties of ultra-pure water. It encapsulates small ingredient particles with an expanded surface area in a protective environment. It's engineered to enhance bioavailability and transfer into organic cells.

Bert Wonnacott,
NEUMI'S CHIEF INNOVATION OFFICER

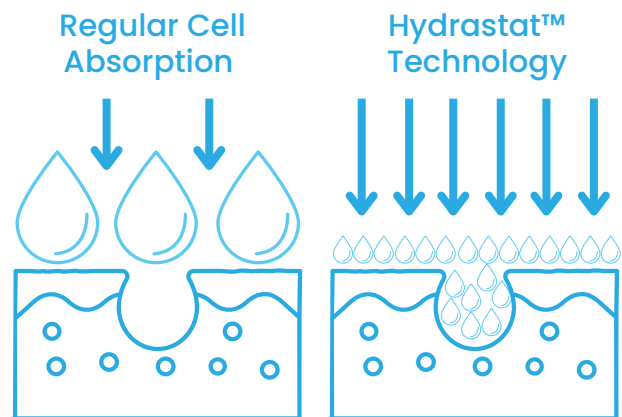
Encapsulation at the smallest scale.

Human supplement manufacturers have long sought more effective ways to maximize the nutritional impact of their products. Traditionally, many have compensated for low absorption rates by increasing the volume of raw ingredients, assuming that even if a significant portion is wasted, a higher dose ensures some benefits.

However, the true interaction between a supplement and the body occurs at the surface of each nutritional particle, where chemical and biological reactions occur. The most efficient approach isn't to increase the quantity of ingredients but to enhance their bioavailability by expanding this surface area interface.

The key to achieving this lies in optimizing particle size—expanding surface area without unnecessary waste—ensuring greater absorption and effectiveness.

We create ultra-small particle solutions by breaking down water-soluble ingredients to the molecular level for maximum effectiveness. Each ingredient is encapsulated within a protective shield of ultrapure water to maintain its optimal size and prevent clumping back into larger, less effective particles. This advanced process ensures superior stability, absorption, and bioavailability, delivering nutrients to the body in their most effective form.



What is a Zeta Test?

Zeta Potential testing measures the electrical charge on the surface of particles in a solution, providing critical insight into their stability and dispersion. This test helps assess the effectiveness of the encapsulation process, ensuring that the ultrapure water barrier remains intact to prevent particles from clustering together.

By analyzing Zeta Potential, we can refine our formulas for enhanced stability, improved absorption, and optimal performance—delivering ingredients in their most effective form.

Review our Zeta Potential Test Results on page 7.

Glutathione

The most powerful antioxidant you have never heard of.

Dr. Mehmet Oz
THE DR. OZ SHOW

Glutathione is the protector and detoxifier of the cell. It's the key to every human cell's life, health, performance, protection, and longevity.

High glutathione levels can improve health, enhance performance, speed up recovery, slow aging, increase energy, and extend life span.

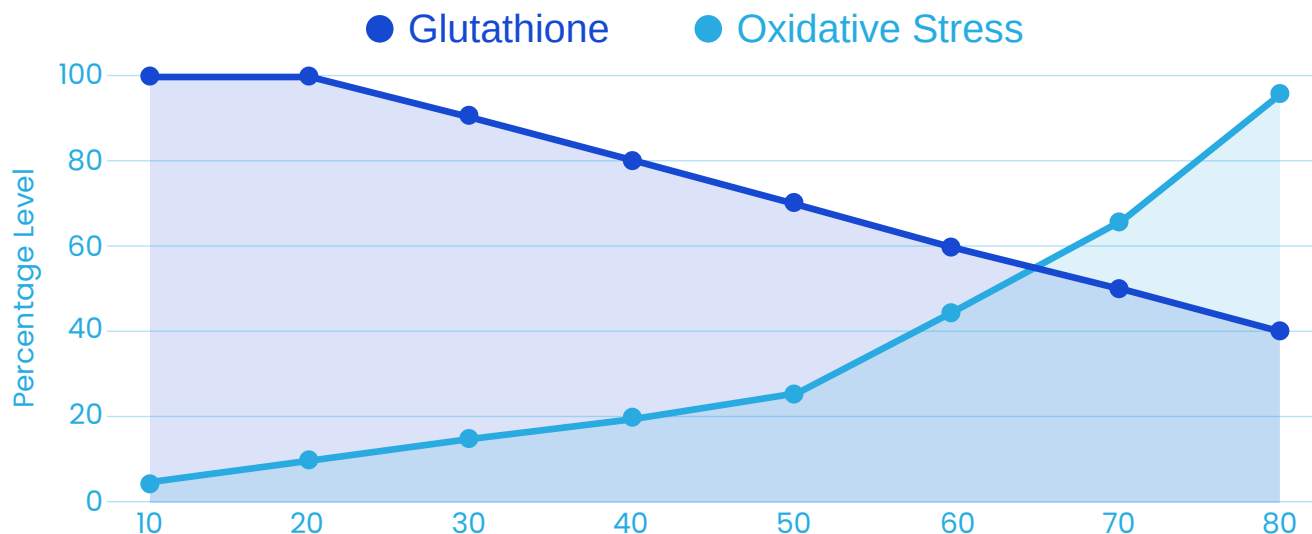
Your glutathione levels decrease the longer you are alive. Continuous attacks on your cells by the invasion of toxins, heavy metals, and exposure to radiation and free radicals cause damage and expedite the aging process. Glutathione levels are also reduced by any trauma the cells encounter - such as injuries, infections, or diseases.

Higher glutathione levels are associated with many health, performance, and anti-aging benefits. Most major diseases are associated with oxidative stress and low glutathione levels. Studies have shown that healthy people have higher levels of glutathione.

People with higher glutathione levels may experience:

- Decreased inflammation
- Reduced joint discomfort
- Strengthened immune system
- Increased energy
- Enhanced stamina and endurance
- Improved exercise recovery times
- Greater mental clarity and focus
- Improved sleep
- Enhanced quality and length of life

Although glutathione may be unheard of by the general public, it is well-known to the medical and scientific community. In fact, there are twice as many scientific studies on glutathione recorded in PubMed, the online medical science library of the U.S. Government, as there are on Vitamin C. Throughout the past two decades, there have been tens of thousands of studies on glutathione and its association with health and longevity.



Glutathione

It's one of the keys to fighting off the diseases you fear the most.
It's called glutathione. Now write it down because it's critically important.

Dr. Mehmet Oz
THE DR. OZ SHOW

A Higher Glutathione Level:

- ✓ Improves Immune Response
- ✓ Reduces Physical and Mental Fatigue
- ✓ Enhances Mental and Physical Performance
- ✓ Accelerates Physical and Mental Recovery from Exercise
- ✓ Increases Longevity
- ✓ Reduces Oxidative Stress
- ✓ Reduces Intercellular Inflammation
- ✓ Combats Accelerated Aging
- ✓ Delays the Onset of Diseases of Aging
- ✓ Removes Chemical toxins from Cells
- ✓ Critical for Oxygen Transfer

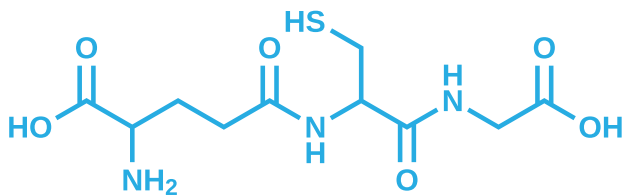
If you're chronically run down; if you're chronically fatigued; if your body just isn't firing on all Cylinders, low glutathione may be part of it, both cause and effect.

Dr. David Katz
DIRECTOR OF YALE UNIVERSITY'S PREVENTION RESEARCH CENTER

NutriSwish™ Key Ingredients

Glutathione

Glutathione is the body's master antioxidant that impacts nearly every function in your body. It detoxifies your body's cells and it also recycles itself to increase the effectiveness of other antioxidants (Vitamins C, D, etc).



Curcumin

Curcumin acts as an antioxidant, fortifies mental health and clarity, offers joint support, and may improve heart health.

L-Cysteine

L-Cysteine is an anti-inflammatory that boosts heart health, supports the immune system, and boosts athletic performance.

Ultra Pure Water

Ultra Pure Water is crucial to our HydraStat™ formulation. We remove all impurities and the non-dissociated colloidal matter, gas, and organic matter in the water to a very low level. Pure water is measured by Megohms of resistivity to electrical current. The use of ultra-pure water in industry includes pure water as a rinse bath for computer chip manufacturing. The theoretical maximum is 18.2 megohm. Our use includes ultra-pure water with a "cleanliness" of over 17.5 megohm.



Gone are the days of waiting months to see results from supplementation! We have started to disrupt the health industry by rapidly absorbing these four key ingredients through our HydraStat™ technology.

Conclusion

The screenshot shows the PubMed search interface for the term 'glutathione'. The search results are sorted by 'Best match' and show 191,261 results. A callout box highlights the pagination controls, indicating 'Page 1 of 19,127'. The first three results are listed:

- Glutathione: overview of its protective roles, measurement, and biosynthesis.**
1 Forman HJ, Zhang H, Rinna A. Mol Aspects Med. 2009 Feb-Apr;30(1-2):1-12. doi: 10.1016/j.mam.2008.08.006. Epub 2008 Aug 30. PMID: 18796312 **Free PMC article.** Review.
Share This review is the introduction to a special issue concerning **glutathione** (GSH), the most abundant low molecular weight thiol compound synthesized in cells. ...The purpose here is to provide a brief overview of some of the important aspects of **glutathione** metabolis ...
- Glutathione: subcellular distribution and membrane transport (1).**
2 Oestreicher J, Morgan B. Biochem Cell Biol. 2019 Jun;97(3):270-289. doi: 10.1139/bcb-2018-0189. Epub 2018 Nov 14. PMID: 30427707 Review.
Share Whilst **glutathione** transport is essential for the supply and replenishment of subcellular **glutathione** pools, recent evidence supports a more active role for **glutathione** transport in the regulation of subcellular **glutathione** redox homeostasis. ...In thi ...
- Unraveling the Potential Role of Glutathione in Multiple Forms of Cell Death in Cancer Therapy.**
3 Lv H, Zhen C, Liu J, Yang P, Hu L, Shang P. Oxid Med Cell Longev. 2019 Jun 10;2019:3150145. doi: 10.1155/2019/3150145. eCollection 2019. PMID: 31281572 **Free PMC article.** Review.
Share **Glutathione** is the principal intracellular antioxidant buffer against oxidative stress and mainly exists

Glutathione is the body's master antioxidant and has been linked to improved health, enhanced performance, quicker recovery, slowed aging, increased energy, and extended life span.

Glutathione levels decrease as people age. Most major diseases are associated with oxidative stress and low glutathione levels.

Glutathione is fragile and difficult to absorb, so the daily supplement industry has not tapped its potential. At Neumi, we use Hydrastat™ technology to create a daily supplement that your body can absorb.

Hydrastat™ technology manipulates the natural properties of ultra-pure water to provide unique water cluster protection of small-sized particles designed to increase their bioavailability and transference into the organic cell.

Try Neumi today
and start feeling
like a new you!

Third Party Testing

At Neumi, we believe in delivering a product of the highest quality. We have submitted NutriSwish for third party testing.

Review the results for our third party microbiology tests, which test for contamination of harmful microorganisms, in the documents on the following pages.

Zeta Potential Report

v2.3



Malvern Instruments Ltd - © Copyright 2008

Sample Details

Sample Name: SNSH013025-3 1

SOP Name: mansettings.nano

General Notes: Average result created from record number(s): 5 6 7

File Name: Current 2025 files.dts

Dispersant Name: Water

Record Number: 8

Dispersant RI: 1.330

Date and Time: Friday, February 28, 2025 3:45:3...

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

System

Temperature (°C): 25.0

Zeta Runs: 10

Count Rate (kcps): 50.1

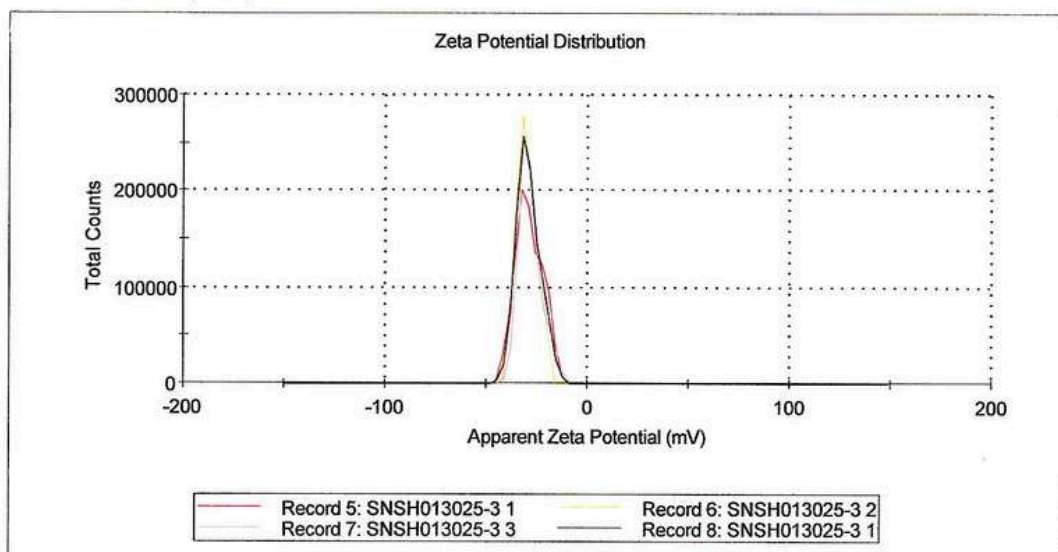
Measurement Position (mm): 2.00

Cell Description: Clear disposable zeta cell

Attenuator: 10

Results

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -29.3	Peak 1: -29.3	100.0	5.99
Zeta Deviation (mV): 5.82	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.544	Peak 3: 0.00	0.0	0.00
Result quality: Good			





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Certificate of Analysis

Client Information

Neumi
 8730 Harrison St
 Sandy, UT 84070
 USA
 801-674-2727

Sample Information

Sample ID: 794699
 Date Received: 1/30/2025
 Description: Nutriswish
 Lot#: SNSH013025-5

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile Pseudomonas (Rapid)</u>	USP <2021>, USP <2022>, AOAC 991.14, USP <62>, AOAC 2014.05					1
Total Plate Count	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast and Mold (Rapid)	AOAC 2014.05	10	Record Only	None Detected	cfu's/g	1

†Method Detection Limit (MDL):

In microbiologic testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO/IEC 17025:2017 methods are available upon request. Certificate and scope are also available upon request.

Released by: Spencer Ashby
 Date Released: 2/3/2025

Form: coa031201a Report: 794699
 Printed on: 2/3/2025 5:27:28 PM

experience • professionalism • value

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Certificate of Analysis

Client Information

Neumi
 8730 Harrison St
 Sandy, UT 84070
 USA
 801-674-2727

Sample Information

Sample ID: 794700
 Date Received: 1/30/2025
 Description: Nutriswish
 Lot#: SNSH013025-6

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>Complete Micro Profile Pseudomonas (Rapid)</u>	USP <2021>, USP <2022>, AOAC 991.14, USP <62>, AOAC 2014.05					1
Total Plate Count	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast and Mold (Rapid)	AOAC 2014.05	10	Record Only	None Detected	cfu's/g	1

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Form: coa031201a Report: 794700

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Released by: Spencer Ashby

Printed on: 2/3/2025 5:27:30 PM

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