



Negative Ion Enhancement

When Dr. Kit Taylor's research led him to a breakthrough discovery, he could only begin to imagine the many possibilities for utilizing this process to enhance people's health and well-being. Today, it's being used in a variety of products including clothing, bedding liquids and creams.

Visionary brands are realizing the potential for this proprietary process to enhance their products, including oils. When a product undergoes the KitCore process, it is subjected to an extremely low level of an electromagnetic charge. We know, thanks to the work of pioneering scientists such as Dr. Ross Adey, that the human body responds more readily and very positively to a specific range of electromagnetic frequencies. As outlined on our [website](#), Kit Core Labs technology uses a proprietary low-level frequency process which can infuse a variety of end products in a stable manner so that the benefit is absorbed and retained.

Our independent lab-testing shows that our low-frequency process causes the infused item to emit a statistically significant greater number of electrons. This is a positive thing for the human body. The greater number of electrons increases availability of negative charge which allows the product to more easily cross a cell membrane increasing cellular absorption.^{1, 2}

An "electron" is the smallest unit of negative charge in nature.³ When they reach our bloodstream, negative ions (molecules with extra electrons) are believed to produce biochemical reactions that increase levels of the mood chemical serotonin, which helps alleviate depression, relieve stress, and boost daytime energy.

Thanks to the Kit Core technology, we can absorb these electrons into our cells more easily and experience the benefits.

- **Less inflammation.**
- **Greater pain relief.**
- **Increased natural energy**
- **Greater mental clarity.**
- **Increased overall well-being.**

KitCore's process amplifies the ability for an oil to give away electrons, which are then more readily absorbed by an individual.

The report from KitCore's independent lab testing on charged versus non-charged oil showed a significant difference in electron activity.

Independent Lab Testing: (Full report available on request)

A recent test on hemp-based CBD oil comparing KitCore charged vs. non-charged oil showed an increase of over 30% in absorbability and intensity.



Negative Ion Enhancement

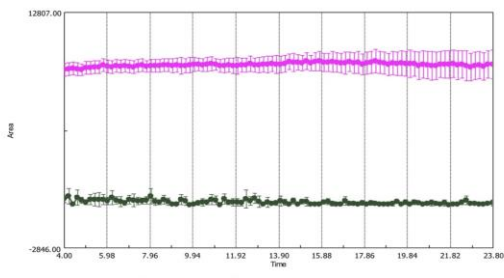
GDV Measurements of charged & non-charged CBD Fluid - Report 3-10-2017, EXCERPT:

Figure 1 shows the time series of the 100 images (from frame 21 to frame 120) analyzed for each of the 2 water samples for the Area of the glow around water drops. If the confidence interval does not overlap, the 2 samples can be considered statistically significantly different. **In Figure 1, they clearly do not overlap with the mean area of the charged sample being much larger than the mean area of the control sample.**

Sample 1: Control Sample *Mean + confidence interval*

Sample 2: Active Sample *Mean + confidence interval (Kit Core's charged sample)*

Figure 1: Area (this gives an indication of the energy of the electrons emitted)



Independent lab testing on whole-flower, water-processed CBD fluid showed over 30% more absorbability in the KitCore charged versus non-charged fluid.

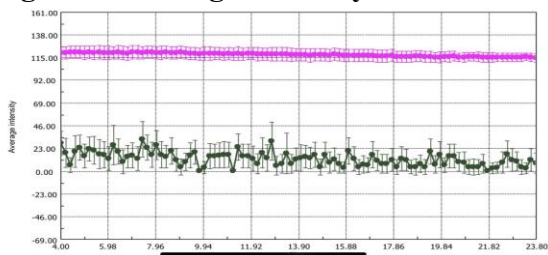
GDV Measurements of charged & non-charged CBD Fluid - Report 3-10-2017, EXCERPT:

Average Intensity Analysis: If the confidence interval of the samples does not overlap, the 2 samples can be considered statistically significantly different. In Figure 2, they clearly do not overlap.

Sample 1: Control Sample *Mean + confidence interval*

Sample 2: Active Sample *Mean + confidence interval (Kit Core's charged sample)*

Figure 2: Average Intensity



What this means for you:

This means that more electrons are available to react with positive charges or compounds or molecules in the



Negative Ion Enhancement

body and thus more electrons are available to quench inflammation.

Significant results were also obtained for Form Coefficient, Entropy and Spatial Fractality, all three being related to coherence in the oil drop. All 3 parameters point toward increased energetic activity in Kit Core's charged sample vs the non-charged or control sample.

The study cited above was conducted by Gaetan Chevalier, PhD who works in the field of engineering physics, atomic physics and laser spectroscopy. Chevalier is also the director of the Earthing Institute and wrote the appendix to the book "Earthing; The Most Important Health Discovery Ever".

Earthing, a scientifically validated process⁴, advocates transferring the Earth's natural, negative charge into the body to create health and well-being. This is the same idea behind the Kit Core technology: Increase the body's absorption of electrons and create better health.

"The body is a highly intelligent electro-biochemical system that is strongly influenced by its internal electrical environment. Countless electrical charges within this system regulate countless biochemical reactions." Wrote Chevalier.

The numerous studies completed on Earthing has brought Chevalier to conclude that contact with the Earth's surface, which is negatively charged, "maintains the body's electrical stability and the normal functioning of its self-regulating and self-healing mechanisms."

In our modern era, most of us are no longer in direct contact with the Earth's natural, beneficial negative charge. This is where the introduction of the Kit Core charged product can have such a positive effect on the human body.

The Kit Core process is a groundbreaking achievement, with far reaching implications for advancing health and wellbeing. This cutting-edge process can make a great product even more potent, setting it above its competitors.

We look forward to working with you,

The KitCore Team.

www.kitcorelabs.com



Negative Ion Enhancement

References:

¹Cell Membranes, Ligands, Receptors and Phospholipids:

https://www.youtube.com/watch?v=2Q1i_7zQGA4

²Ligands and Receptors:

<https://www.khanacademy.org/science/biology/cell-signaling/mechanisms-of-cell-signaling/a/signal-perception>

³According to the Merriam-Webster Online Dictionary, an electron is “an elementary particle consisting of a charge of negative electricity equal to about 1.602×10^{-19} coulomb and having a mass when at rest of about 9.109×10^{-31} kilogram or about $1/1836$ that of a proton.”

⁴Earthing: Health implications of reconnecting the human body to the Earth's surface electrons, *Journal of Environmental and Public Health* 2012: www.hindawi.com/journals/jep/2012/291541

Water molecules favor negative charges: <https://phys.org/news/2014-07-molecules-favor-negative.html>

Negatively-Charged Lipids as Potential Target for New Amphiphilic Aminoglycoside Antibiotics: a biophysical study:
<http://www.jbc.org/content/early/2016/05/04/jbc.M115.665364>

Membranes and Negative Charge: <https://www.google.com/search?client=safari&rls=en&q=membranes+negative+charge&ie=UTF-8&oe=UTF-8>

Cells (usually if not always) have a **negative** surface **charge** due to the phospholipid bilayer composition (as discussed above) but (2) cells (usually, at rest) have a **negative membrane** potential, i.e. **negative charges** accumulate on the inner/intracellular/cytoplasmic side of the **membrane** and positive **charges** ...

Positive zeta potential of a negatively charged semi-permeable plasma membrane

<https://aip.scitation.org/doi/abs/10.1063/1.4989653?journalCode=apl>

The negative charge of the plasma membrane (PM) severely affects the nature of moieties that may enter or leave the cells and controls a large number of ion-interaction-mediated intracellular and extracellular events.

CBD is considered a ligand.

Ligands have an affinity for positively charged ions, and therefore have an attraction to the negatively charged cell membrane. The lipid structure is negatively charged as there are not positive charged lipids, and the outer head of the protein channel is negatively charged.

A ligand (depending on the size and function of the molecule) will either directly migrate to an intercellular receptor, or if the molecule is too big for a protein channel, it will relay its charge to associated smaller molecules.

The Cell Membrane

Structure

