

We sell methylene blue in bulk (10 packs). Go to our webshop biohackare.com

BIOHACK YOURSELF BACK TO OPTIMAL HEALTH WITH METHYLENE BLUE!

Almost all diseases arise due to dysfunctional mitochondrial metabolism.

Mitochondria are double-membraned organelles that are responsible for producing energy in the form of adenosine triphosphate (ATP). This energy is needed for all functions of our body and brain. Energy from food are converted in our powerstations. Malfunctioned mitochondria i.e disability to convert food to energy, leads to all kinds of diseases.

Up to 95% of the population have dysfunctional cell metabolism much because of the insurmountable opposition in form of poisoned chemicals in the air, water and food, as well as destructive frequencies, unbalanced stress and void of light, these are some components that makes us sick.

Methylene Blue (interchangeable as Mb) comes to our rescue!

Mb has been around and studied for more then a century. Known

as one of the most potent antioxidants, electron donor and free radical remover in the electron transport chain it's capacity to both reduce and oxidize in all four chains in the organelle makes Mb one of the most unique component known in history....with a swift "ping-pong like effect" methylene blue sweeps the place clean of free radicals as well as donate protons where needed. This balance between reduction/oxidation called REDOX phase is a prerequisite for optimal health. In short summary; methylene blue boots ATP production and reduce oxidative stress by removing the buildup of damaging reactive oxygen species (ROS).

A nootropic with neuroprotective benefits.

Mitochondrial dysfunction is a hallmark of several brain disorders, including Alzheimer's and Parkinson's diseases. In these conditions, damaged mitochondria fail to meet the energy needs of neurons, contributing to cell death and cognitive decline. Studies suggest that Mb makes a huge difference in supporting mitochondria and protecting our brain cells.

It's neuroprotective role extends beyond just energy; by stabilizing mitochondria, Mb indirectly influences brain inflammation and cellular survival pathways. Mb is improving energy supply in neurons and removes neuroinflammation.

Methylene blue is a light amplifier and turbo charge our batteries.

Combined with light therapy (photobiomodulation) the effect is doubled. When you take your drops of methylene blue and then get exposed to light (IR/redlight) Mb absorb those photons and convert to energy.

Best is of course to be exposed to the full spectrum sun but even if it's a cloudy day we get bombarded by good IR light. The light exposure increase our melatonin production and bring balance to our circadian rhythm (day and night cycle).

Methylene blue has a wavelength frequency of 668 nm same as redlight

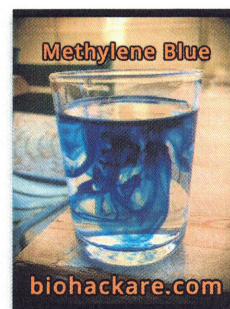
The significance of Mb's unique color at cellular level has later been understood....the color is electrically attractive. Mb is considered to have high bioavailability, it is both water soluble (hydrophilic) and fat-soluble (lipophilic)....and pass through the blood-brain barrier.

METHYLENE BLUE IS KNOWN FOR ITS UNIQUE REDOX ABILITY; DONATES ELECTRONS AND REMOVER OF REACTIVE OXYGEN SPECIES (ROS)

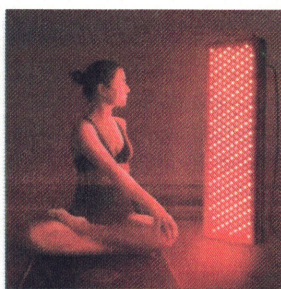
Methylene blue is testosterone-increasing and estrogen-suppressing and work actively to balance hormones and the thyroid gland. Mb is an antidote to practically all chemical poisoning, which is why it is available in emergency care and is given intravenously in large doses.

Mb is antiviral and after being forgotten for a while became known again during COVID. There are thousands of research reports on methylene blue's various uses...being famous for *best malaria medicine ever* (still used) to antibacterial medicine for chronic urinary tract infections to protecting against cognitive impairment, to cancer research.

Like the Nobel Prize-winning Ivermectin, methylene blue is on the WHO's list of essential medicines, i.e. those that, based on evidence of efficacy, safety and cost-effectiveness, are considered to meet the priority health care needs of the population. Countless studies show how safe a low dose of Mb is.



biohackare.com promotes products and gives valuable information on great "biohacks".



Methylene Blue amplifies the effect of IR/Redlight therapy (photobiomodulation)

DOSAGE

1% methylene blue (Mb)	2% methylene blue (Mb)	5% methylene blue (Mb)
1 ml = 20 drops with water per day	1 ml = 10 drops with water per day	1 ml = 4 drops with water per day

Allow for a period of about a week before increasing the dosage. The above guidelines can be recommended to start with and then possibly increase the dosage. Drop methylene blue in clean water, drink with a straw, or in water with ascorbic acid (read below about leucomethylene blue/dehydroascorbicacid).

Dosage of methylene blue is individual and depends on many different factors. Mb has a hermetic dose response, which means that oxidative stress can occur at too high doses. There is some kind of “sweet spot” (homeostasis mode) where cell metabolism works best, but that spot is different for each individual. There are “biohackers” who take large doses of Mb, but we recommend NOT to overdo the dosage. Methylene blue is very safe I small doses.

Methylene blue is 100% bioavailable with a half-life of 12 hours but leaves the body in about 24 hours. The urine is colored green or blue and is then antibacterial and can counteract urinary tract infections. If you only want to take Mb when needed, you can take a new dose when the green/blue color of the urine begins to return to normal. If you have an ongoing infection, you can take two to three times the dose for a shorter period of time (about a week) to clear the infection and then go back to your normal dose. Mb can initially cause certain symptoms such as headaches, disorientation and even “feeling speedy”. This is because the body “dumps” stored nitrite oxide (NO) into the blood. These symptoms are a sign that Mb has started a REDOX process, i.e. reduces free oxygen radicals and oxidizes by donating protons, the cell respiration has then increased.

The most bioavailable way to take methylene blue

1-2 dl of clean warm water, mix in 1-2 tsp of ascorbic acid, let it mix, then mix in XX drops of Mb. Wait about 1 minute until the color changes from blue to colorless or light turquoise. Drink and/or apply directly to the skin. The chemical formula has been changed to dehydroascorbicacid (DHA) and leucomethylene blue (LMB) which together, due to the unique REDOX abilities of the components, create a micro current in the mitochondria, this increased energy state is a prerequisite for optimal health.

Mitochondrial Respiration

Mitochondrial respiration is the ability of cells to breathe, also known as cellular respiration. If cells are low on oxygen, methylene blue removes free radicals and donates electron to increase respiration in the mitochondria.

Hermetic doserespons

Every substance, including methylene blue, has a dose-response curve where the effect reverses at too high a dose. Methylene blue can restore good mitochondrial function in cells. Methylene blue is lifesaving in large doses and health-promoting without side effects in small doses.

Contraindications

If you are taking SSRI drugs, i.e. antidepressants, so-called serotonin-enhancing drugs, or dopamine enhancers, pregnant and breastfeeding mothers, do not take methylene blue!

Disclaimer

This product is sold for research purposes only for studies of mitochondrial functions in cells, research on oxidative stress and aging processes, neuroscientific studies on brain function and protective mechanisms. Representatives of Gothenburg Nootropikum & Biohackare Sweden AB do not prescribe use or provide medical advice. Methylene blue is consumed at your own risk. <https://www.biohackare.se>. <http://metylenblatt.se>. <https://nootropikum.se>. <https://www.biohackare.com>.

**“IF WE LEARN TO SEE PROBLEMS IN TERMS OF A GENERAL DISORDER OF ENERGY METABOLISM,
WE CAN BEGIN TO SOLVE THEN” - DR. RAYMOND PEAT**



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<https://biohackare.com>

Biohackare Sweden AB
have hundreds of happy campers.
We have sold thousands of high grade
methylene blue to folk all over
Scandinavia.
Now you can ensure you valuable
“energy - cognitive booster” in bulk for
an extreme low price



“One can knock out the
whole respiratory chain
and then restore oxygen
uptake by adding
methylene blue which
takes over the whole
electron transport chain”.

- Albert Szent-Györgi
(1896-1986)