



COLLODAL INDIUM

Raw Indium is the 49th element on the periodic table. This soft, silvery metal can be found in the Earth's crust. It is never found in food or water or in our bodies after 25 to 30 years of age.

Indium is close to being the tenth most scarce of all available elements on the Periodic Table of Elements. It also connects the two largest groups of elements known to be beneficial to human nutrition.

Indium can be found in human tissues at concentrations between 0.01 and 0.07 mcg/g fresh tissue, and found a mean of 0.0045 mcg indium per gram of hair. Some indium is absorbed from the gastrointestinal tract of animals, because it is excreted in small amounts in the urine of animals fed indium salts. Indium is relatively nontoxic orally.

When fed 20-30 mg indium per day for 27 days, rats exhibited a rough coat and some weight loss. On the other hand, when mice were fed drinking water containing 5 mcg/ml indium, they exhibited a lower

incidence of tumours than mice fed the same level of scandium, gallium, rhodium, palladium, chromium, or yttrium.

Mice fed 5 mcg/ml indium exhibited elevated levels of copper and chromium concentrations in several organs including kidney and heart.

Indium as a colloidal

Indium is a mineral believed to support several hormonal systems in the body and may elevate immune activity and reduce the severity and duration of a plethora of human conditions.

It is believed that indium may provide aid to the hypothalamus and pituitary glands. These two master hormone producers have the job of maintaining optimal output of hormones for the body.

Once this stasis is achieved, a great many other hormone-producers become stimulated, causing a domino effect and helping retard aging and various health problems.

Colloidal Indium seems to enhance food and mineral absorption by the body. It even has been found to aid in the utilization of other essential trace elements and amplifies 60-300% absorption of minerals.

You will not find Indium in food or water; in fact, although it is not ordinarily found in the human body at all after approximately 25-30 years of age, those people taking indium experience beneficial results immediately.

Some of the short-term benefits reported by many Colloidal indium users include: increased energy, an enhanced sense of wellbeing – the so-called “indium high” and a reduced need for sleep.

Long-term benefits of Colloidal indium include (but are not limited to) a gradual correction of many chronic illnesses such as: ADD, improved blood pressure, stress-related problems, healthier body weight, autism, and a reversal of visible signs of aging and circulation issues as well as muscle tone.

It is believed that when taking indium one feels rejuvenated and energized because the hormonal system is working better. In fact because of its ability to completely transform and alleviate mineral deficiencies through enhancement of bioavailability it is reported to optimise all functions of the body and neural transmitters as well as cell, RNA and DNA regeneration.

In a laboratory setting indium has been consistently found in human tissues at concentrations between 0.01 and 0.07 mcg/g fresh tissue and found a mean of 0.0045 mcg indium per gram of hair.

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Physiological effect of colloidal Indium

Indium is a rare trace element reported to help balance 23 of the 24 hormonal systems in the body. Little to none of Indium is found in the agricultural food chain anymore.

It is sometimes classified as a heavy metal with no officially recognized nutritional or physiological function.

However, it is on the FDA’s GRAS list (Generally Recognized As Safe), and it is claimed to provide a large variety of benefits.

Some doctors and dentists are using it with their patients, one practitioner reported benefits for chronic fatigue patients, and another uses it to help get patients off drugs and alcohol (it has been reported to modify or help eliminate addictions).

One of our clients reported that about 90% of his Vitiligo disappeared during the first few months of use.... and a Medical Doctor reported normalizing of blood pressure in a patient.

The only controlled studies we are aware of have been safety trials with humans, and some inconclusive animal studies.

Anecdotal reports, however, indicate benefits ranging from reduction in required sleeping time, relief from migraine headaches, increased endurance during exercise, improved memory (including in Alzheimer's patients), improved speech and motor skills in Parkinson's sufferers, reduction of dandruff and dry skin patches, decreased eyeball pressure (high pressure is a predictor of glaucoma), normalization of both high and low blood pressure, normalization of high and low blood sugar, normalization of menstrual cycles, increased libido, and other effects.

(Caution: People suffering from low thyroid levels may experience headaches as their thyroid is activated and should have their levels checked by their physician to bring down medications as appropriate.)

Recently released information by several researchers has suggested that Indium plays an important role in stimulation the pituitary gland to release growth hormone.

Other users report increased stamina & endurance. In some very ill people Indium produced a significant improvement in their appetites.

Body builders report that after a few weeks of Indium supplementation they are lifting 30 to 40% more weight.

Other users report enhanced eyesight, better memory, general enhancement of all of the senses, improves hair & nails, enhanced sexual vigour, improvement in blood pressure readings, improvement in Type II diabetes symptoms and fewer aches & pains.

Indium exists in such small amounts, and is not water-soluble in nature, that it is simply not in the food chain. It is for this reason that it is designated a trace mineral (micro-mineral).

By changing indium's particle size through the Michael Faraday process, indium can be changed into a Colloidal that is bio available and water-soluble form of Indium measured in nano-particles or parts per million (ppm).

Testing done in 1975 was unable to determine indium levels in the body due to its low concentration.

All this points to indium being vital for our continued good health, and a solution to some of mankind's most dreaded health problems.

Cancer

One of many health problems that research has shown that indium may help is cancer.

It has shown to be effective against Walker 256 carcinosarcomas, and more research for its further use is on going.

In 1983 study found that indium sought out and saturated tumour tissue.

This is good news given the general tumour reducing characteristics of indium. In 1971 study found that indium supplementation caused a lower incidence of tumours.

Weight loss

In 1971, Dr Henry Schroeder found that the use of indium resulted in a lower body weight. Of even more interest is the fact that indium was more active in females than males. Since women have less muscle mass than men, indium may give them the extra boost they need to lose weight. Dr Schroeder graphed very interesting results. He found that, after maturity, females without indium added 20% of their weight on as fat, while those supplementing with indium added on no fat at all. Indium has a beneficial effect on the thyroid gland. By potentiating this gland, and helping support proper thyroid levels, more calories are burned and weight is normalized. Indium users have known of it's anti-depressant activity for over two decades now, with

indium producing a feeling of well-being and euphoria after only a few days of use.

Two major effects that indium has are in its ability to help the body assimilate other important nutrients and in increasing the life span or red blood cells from 90 to 120 days.

Soil depletion and the link to chronic disease

Without realising the vast majority of the western population are between 70-99% deficient in minerals, this would explain the mass epidemic of chronic disease among the young and the old.

Studies By Dr Linus Pauling on Soil Mineral

Depletion: Studies By Dr Linus Pauling, twice noble prize-winner, said "you can trace every sickness, every disease and every ailment to a mineral deficiency". Yet, all over the world, minerals are disappearing from agricultural soils at an alarming rate. In 1992, the official report of the Rio Earth Summit concluded "there is deep concern over continuing major declines in the mineral values in farm and range soils throughout the world". This statement was based on data showing that over the last 100 years, average mineral levels in agricultural soils had fallen worldwide - by 72% in Europe, 76% in Asia and 85% in North America. What has caused this staggering decline?

Most of the blame lies with artificial chemical fertilisers. We now know that plants absorb 70 to 80 different

minerals from the soil, while the number returned to it by plants grown with commercial fertilisers can be counted on the fingers of one hand. Every crop that is cut or animal that is sent to market marks a further depletion in the mineral status of the soil on which it was raised. Organic wastes that in former times would have been composted and returned to the land are nowadays mostly consigned to landfill sites or incineration.

There are many other ways in which the move to chemical farming prevents crops from taking up even the sparse amounts of trace minerals left in the soil. Soil contains bacteria, fungi, plant and animal life, in a state of constant interaction and balance. Every one of these organisms needs dozens of different minerals to survive and play its part in the ecosystem. Some bacteria have a vital role in converting soil minerals into chemical forms that plants can use. NPK fertilisers (fertilisers used in modern farming that only contain nitrogen, phosphorous and potassium) gradually change the soil pH towards acidic conditions in which these bacteria cannot survive. To combat soil acidification farmers lay lime on the land adding back calcium and magnesium to raise the soil pH, but it also converts manganese and some other trace minerals into chemical forms that plants are unable to absorb.

Pesticides and herbicides also reduce the uptake of trace minerals by plants. Plants have an important relationship with certain fungi that can form networks

covering several acres. The fungus obtains carbohydrates from the plant root, at the same time supplying the plant with nutrients it draws from the soil. This gives the plant access to a vastly greater mineral extraction system than is possible by their roots alone.

Chemical fungicide sprays destroy these beneficial fungi and so again reduce the ability of plants to absorb soil minerals. Insecticides can also reduce trace mineral uptake by inactivating choline-containing enzymes in plants, essential for the absorption of manganese and other minerals.

The combined effect of soil mineral depletion and the reduced availability of those minerals that remain is that most of the food that we eat is mineral deficient. The table below summarizes the reductions in the average mineral content of 27 vegetables and 17 fruits, between 1940 and 1991. The results of the latest research are expected to show mineral values in continual decline.

Reduction in average mineral content of fruit and vegetables between 1940 and 1991 shown in graph below:

MINERALS	VEGETABLE	FRUIT
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Sodium	-49%	-29%
Potassium	-16%	-19%
Magnesium	-24%	-16%
Calcium	-46%	-16%
Iron	-27%	-24%
Copper	-76%	-20%
Zinc	-59%	-27%

A new study published earlier this year shows that, as might be expected, mineral levels in animal products reflect the picture in plant foods. Comparing levels measured in 2002 with those present in 1940, the iron content of milk was found to be 62% less, calcium and magnesium in parmesan cheese had each fallen by 70% and copper in dairy produce had plummeted by a remarkable 90%.

How one is to explain why indium is so beneficial to so many people? Indium is definitely one of those trace minerals, which like vanadium, exerts pharmacological effect on the body.

In case of vanadium the pharmacological effects are explained by pointing out that it is biologically a very active mineral, which engages in the body in numerous biochemical reactions with enzymes and other proteins.

Indium has not been studied in this context so we don't know much.

We know, however, that indium affects how other minerals are absorbed and utilized in the body. In particular, we know that indium affects utilization of zinc, iron, copper and manganese, and probably several other important minerals. Indium affects thyroid because the proper functioning of this gland depends on the right balance of iron, zinc and copper.

Indium affects the immune system and skin because both immune system and skin depend on zinc.

Indium helps people suffering from anaemia because the proper blood count depends on iron and copper in the body.

Therefore Indium undoubtedly plays an invaluable role in the biological war and the growing epidemic of mineral depletion within the body for both animals and mankind

Short-Term Benefits

- Increased energy, endurance and agility
- More restful sleep & a reduced need for sleep
- Loss of hot flashes from menopause
- Improved and reversal of migraines
- Reduces lactic acid

Long-Term Benefits

- Reduction of stress-related issues
- Healthy body weight
- Reversal of signs of aging
- Better functioning hormonal systems
- Increased energy
- Improved vision
- Sense of well-being
- Cancer reduction
- Increases melatonin
- Relief from migraines
- Decreased depression
- Increased motivation
- Increased muscle strength
- Relieved joint discomfort
- Improved mental quickness, including memory
- Reduction of toxic pollution within the body.
- EMF protection.
- Optimum longevity
- Prevent birth defects
- Raises Manganese by 94% and Zinc by 79%
- Normalizes pituitary gland, hypothalamus, Endocrine and DHEA.

Colloidal Indium safety

“There is evidence that indium has a low order of toxicity.

Indium is considered a non-toxic element, never being reported any serious accident with this element.

Even in welding or semiconductor industry, where the exposition to indium is relatively high, there is no report of any kind of toxicity.” *Nautilus* “Tests on animals show it would have to be 1,000 times stronger to sicken mice.” Chapin RE, Harris MW, Hunter ES 3rd, Davis BJ, Collins BJ, Lockhart AC. *The reproductive and developmental toxicity of indium in the Swiss mouse. Fundam Appl Toxicol. 1995 Aug;27(1):140-8.*

Colloidal Indium is very safe to use, however, not when injected into blood. Avoid contact with eyes, wounds, and cuts.

Suggested dosage:

Colloidal Iodine is best to take Iodine on an empty stomach since Iodine can react with many compounds in food.

Usual dose is 2 to 4 drops per day.

One teaspoonful (5ml) daily of colloidal Iodine.

Another more aggressive dosage schedule is:

Recommended Dosage (under the tongue):

- * 5 drops per day for 1 week.
- * 10 drops per day for 2nd week.
- * 15 drops per day for 3rd week.
- * 20 drops per day thereafter.

Insure plenty of water is ingested whilst taking colloidal Iodine.

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