



Let's drink for our health!

My drink is vital!

Founded:

NANNA: Product family on the basis of Főnix eleven-thousand-year-old natural mineral water in various forms of packaging with the first organic certificate in Hungary.



Introduction

Our company is a family-owned company founded in the field of soda water production in 1982. Over the years, it has been converted by extending our activities several times. (Aqua-Plastech Kft 1996, D-Produkt Kft 2017)

Due to a permanent innovative activity, our products and services, our family and company have acquired recognition not only in Hungary, but also beyond the borders of our country. We have established traditions for soda water, a product called "Hungarikum", in many other countries.

Complete plants have been installed in the Baltic States, in Russia or Kazakhstan as well as in the neighboring countries and even in Spain where products are manufactured using the technology created by us and they are filled in our bottles under industrial design protection.

In 1996, we developed a technology for soda water production as well as the tools and packaging required for this purpose. Since then, we have been manufacturing plastic boxes using recycled materials and environmentally friendly Pet Returnable Bottles (PRB) for the storage and transport of soda water (the transport of these bottles are much easier than that one of glass bottles and they are almost crash-proof) whereby the ecological footprint concerning production has been reduced.

Accordingly, we have established a franchise system consisting of 48 Hungarian and more than 50 members abroad currently. Also, we were the first Hungarian-owned franchise system in Poland. Today, D-Soda-Water is the only soda water product in Hungary that appears as a product of uniform quality and image both in Hungary and abroad. Currently, we are almost the only supplier of spare parts, bottles, boxes and plastic carboys required for soda water production.

Soda water is a regional product and its transport is rather expensive therefore we have supported the establishment of franchise plants. Soda water is not an exportable product due to the distance to the neighboring countries (it can be sold in cross-border regions only), however, packaging can be sold even in these countries. We export boxes or PRB directly or indirectly to Romania, Slovakia, the Ukraine and Poland. The positive feedback from our customers concerning these products manufactured by our company reflects satisfaction.

Currently, products are manufactured and stored in a 4500 m² covered area in a 2 hectare park at our site in Hajdúsámson. Our company has several design protection entries with the National Patent Office.

The eleven-thousand-year-old recognized health friendly organic mineral water (the first mineral water with an organic certificate in Hungary) from our 210 meter deep well is the basis of all our water-based products. Thanks to fortune and an idea, we have developed our own electric water treatment/water structuring device to structure the organic water of our well. Various structural changes are caused in water by electric treatment therefore the positive impact on life quality has been proven by several empirical examples and human clinical trials in the last 24 years.

New features of our structured drinks and water products have been determined that have been unknown in the world of waters so far. This conclusion has given us the impulse to develop our products, which promote or achieve sensational physiological impacts and improve life quality as well as can be sold as finished goods reaching their maximum capacity.

You can hear and read about more and more methods and experiments worldwide, which are similar to these treatments. It should be also mentioned that it depends not only on the available means but it is also a gift of nature, which means that the Carpathian Basin is also needed. In addition, a basic material, this water with these features should also be available.

The physiological effects of our foods and water products have been proven in several fields as our waters enriched with stabilized oxygen and our alkaline waters helped our athletes at the Olympic Games in Beijing. The members of the women's national handball team and the national canoe and kayak team also drank these waters in the preparation phase. These products have been integrated into the nutritional program of Éva Risztov, Olympic gold medalist and she drank these water products in the preparation phase before the Olympic Games in London (their impacts are as follows: there is no formation of lactic acid as these products

are the best remedy against muscle pain etc.). Our water enriched with stabilized oxygen has had excellent results relating to the performance enhancement of race horses. The human clinical trial of our product called AquaAlfa alkaline pH>10 has been finished successfully and it has been definitely proven that it cures reflux disease. Their effect improving life quality has been confirmed by several feedbacks from customers or experience in another field of health. Their antioxidative function and protection against free radicals have been proven under in vitro conditions. Our water called AquaOmega acidic water pH<3 with a low pH-value has an excellent purifying and detoxifying effect when used internally and a disinfecting effect when used externally. It can provide great assistance against various fungal diseases or wound care and in this case it can be the medical device for the future. Our latest innovation already operating is iodine and selenium supplementation due to the worldwide iodine and selenium deficiency through our waters and drinks in a form that can be used by the human body effectively. These products help the body in an almost unique and biologically usable way. Our product developments are carried out according to the present state of scientific knowledge and the relevant laws. Tests are carried out by an accredited laboratory after the controls performed by our own laboratory. NANNA product family has a unique packaging under design protection with its own design of our own production at our plant in Hajdúszámson.

The capacity utilization of our production relating to natural mineral water is minimal and we have equipment for a considerable manufacturing therefore we are looking forward to having further market niches. The research and development phase is coming slowly to an end and we are turning towards manufacturing, sales and marketing in full force.

The development of NANNA product family is the result of our own 24-year research and development activity. Based on the feedbacks from our customers, our products have proven successful on the market and we have received positive experience only. We believe it is essential to support nutrition awareness of customers, both children and adults possibly defined by their living conditions. The origin of our products shows their positive effect on the human body. We could criticize the relevant EU directive that states explicitly that food cannot cure diseases. We have thousand-year traditions and new achievements scientifically proven in the field of nutrition, which were destroyed by this directive with a stroke of a pen. We state at every forum that these rules of law do not assist flexible companies full of experience and ideas under the motto: „Buy Hungarian products“. These regulations stay behind compared to contemporary science.

Our philosophy

Pay attention to your health-conscious nutrition improving and maintaining your quality of life!

According to the present state of scientific knowledge, try to achieve a balance, provide alkalization and supply iodine, selenium, natural plant-based vitamins, minerals and antioxidants in a unique way, which are essential and can be utilized biologically.

As far as the deterioration of people's state of health is concerned, we are almost in the last minute. In today's busy life, people have forgot about the importance of food quality as sterile and long-lasting foods dictated by economic interests are highlighted and the content value of foods is pushed in the background. It is very important to achieve resistance of your body against viruses and bacteria preferably through food. The lack of natural mineral salts and trace elements due to the exploitation of our fields cannot be replaced by sterile or fast food.

Both producers and science should consider this and it is necessary to replace these substances in a natural way. My drink is vital! Let's drink for our health!

We have had ISO 22000 food safety management system since the beginning of 2011, an integrated corporate governance system since 2013 thus manufacturing can be traced from purchase until the sale of finished goods.

References: Tools for soda water production: at least 2,000 Hungarian and foreign soda water producers.

Soda water production: regional COOP and Real supermarkets, other retail outlets and restaurants in Hungary. We have partners for 38 years (there are references available for 37 years): ÁFÉSZ, today called as COOP and CBA supermarkets, Biogal Pharmaceutical Company (today called TEVA Pharmaceutical Company) the former construction company of Hajdú-Bihar County, today called HUNÉP construction company as well as several smaller or larger companies and private consumers.

Főnix organic natural mineral water, structured waters and drinks: We deliver our products to the regional shops of COOP chain in Hungary as a stock or for the purpose of direct sale at the shop. Also, we supply the supermarkets of SPAR and AUCHAN chains, some REAL or CBA shops as well as health food stores, wellness or fitness facilities or

world-class athletes with our products. We provide the International Airport of Debrecen with 19-liter bottles. In addition, we deliver our products to several smaller or larger companies and private customers. Currently, we export our products in PET bottles to France, Italy, Poland and Romania. We have ample capacity therefore we are looking forward to finding further sales opportunities.

Our voluntary task towards customers:

Transferring our experiences and knowledge connected with conscious nutrition to all ages starting from pre-school age. We welcome groups visiting our plant regularly and we have talks arranging for pre-school-age children, school children at elementary or secondary schools or adults.

Reducing our ecological footprint is also important for us.

Our events:

- International Meeting for Soda Water Producers in 2004 – 1100 participants from 14 countries
- I. Conscious Nutrition Festival and Fair in the Carpathian Basin in 2017 „My food and drink are vital”.
- lectures related to conscious nutrition
- cooking competition and expo for persons and institutions involved in communal catering related to conscious nutrition

The future!!!

- Our current highly promising developments:
- developing a device for the manufacturing of light and hygienic plastic pallets for pharmaceutical companies and food manufacturing companies (stage of completion: 60%)
- microbiological and antifungal treatment of liquid food in pulsed electric field (no preservatives or heat treatment are needed; stage of completion: 75%)
- converting a traditional 19 liter (4 gallon) plastic carboy water dispenser into a hygienic dispenser as well as making a new dispenser.

Our plans include the manufacturing and production of foods and drinks that are essential elements of nutrition. They can have a positive role in neutralizing the electric background radiation, which is one of the most harmful “achievements” of modern times.

Our environmental objective is to establish a production and management that reduce the ecological footprint:

We strictly comply with the requirements of ISO 22000:2018.

We deliver all the litters or plastic waste generated during our production to the competent company holding an authorization of waste purchase and disposal.

Enclosed please find the regulation on waste management.

We have started the revision of our production, financial calculations as well as the revealing of the remains of our ecological footprint if one-way bottles are replaced by returnable PRB. The technology and tools known for soda water production are available.

For further information and current news please visit our website: www.nannavitalpiac.hu.



János Darabos
Owner, General Manager

Nanna: Főnix eleven-thousand-year-old organic natural mineral water

The first natural mineral water with an organic certificate in Hungary

It is the first natural mineral water with an organic certificate in Hungary drawn from a specially protected eleven-thousand-year-old aquifer with extremely low sodium content and optimal mineral and trace element content for the human body. It has a pleasant silky taste for daily water consumption. 0.55 ltr still, 0.5 ltr carbonated 1.6 ltr still 1.5 ltr carbonated 19 ltr with a plastic carboy pump or for a water dispenser.



Nanna: Főnix eleven-thousand-year-old natural mineral water with the first organic certificate in Hungary.

Location of the water source: well no. K-79/reg.no:825/98

It is a nature reserve in the area of Hajdúság and South Nyírség under the conservation management of the Directorate of Hortobágy National Park (globeflower, a plant, which can be considered as a remainder from the ice age, blooms here), close to the Western Mountains in Transylvania. It can be found near the geographical area of South Nyírség (Ligetlaja), in the south-western part of Hajdúsámson.

This water source is located far away from all livestock farms or any other large scale husbandry which could have an impact on the rainwater leaking into the soil.

There are well-arranged water collecting drainage ditches without stagnant water.

The surface of the area was formed by the primeval rivers Sajó and Hernád. Pleistocene sandy layers constitute mainly the base of deep waters. Here, it can be divided into three parts:

Upper Pleistocene up to 40 m

Middle Pleistocene up to 130 m,

Lower Pleistocene between 130 and 250 m including the water source of Főnix natural mineral water.

Sand and sandy layer of clay alternate each other.

Based on the simplified hydrogeological model of the area, there are horizontally extensive sandy levels in the Pleistocene formation surrounded by the well that can be considered as unlimited in terms of depression formed.

A constant quality of our water base is ensured.

Our further products structured by various electrical treatments improve the quality of life in a unique way, which have been proven by human clinical trials or by in vitro laboratory tests.

The so-called chain production of foods means the future. The basis of consumer confidence is reliable information and constant quality. Through researches, producers have more information about the entire food industry than consumers.

They have to share this information with consumers and teach them "what to eat or drink".

Water catchment area:

Area of South Nyírség (Ligetlaja)

A special feature of the area of South Nyírség is that nearly 30 % of it is covered by woods.

Visitors arriving from Budapest towards Debrecen and forward to Hajdúsámson on highway 471 will see diversified landscapes, hilly lands and woodlands that continue over the border towards Transylvania instead of the plain area of Tiszántúl without any trees and the huge fields of Hajdúság.

The water is extracted with a submersible pump and it does not contain any additives.

Before bottling a mechanic candle filter of 20-5-0.1 micron is used.

Environment:

The plant is located in a 2 hectare spectacular well-kept park with flowers, grass and trees. The surroundings of the plant reflect careful internal works and environmental awareness.

In simply terms, everything has its place in and around the plant. The operation of ISO 22000 food safety management system and integrated corporate governance system includes not only about a safe and traceable production or sale but also care for our environment.

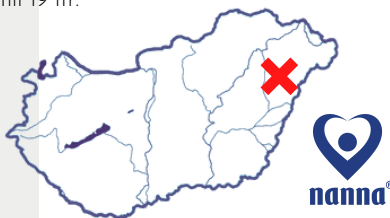
The most important approach is that "we borrow the earth from our grandchildren".

Volcanism was specific to the area from Middle Time until Neogene and there were several volcanic cycles one after another with a time difference of two or three million years. There were sediments of the Pannonian Sea and under them ten or fifteen million year old tuff layers of 2000-2500 m on the average but it reaches even 4000 m depth. The thickness of sediments of the Pannonian Sea is between 1000 and 2000 m in the region of Nyírség. This area was filled up and divided by the rivers situated in the northeastern part of the Hungarian Lowlands called Alföld in the Pliocene period. At that time, the River Tisza and Szamos ran through the southern part of Nyírség.

In the Middle Pleistocene the rivers started downcutting in the highlands then they started to build alluvial cones. The Rivers Tapoly, Ondava, Latorca, Borsava, Tisza, Túr and Szamos created the alluvial cone in the region Nyírség. By the end of the Pleistocene period the rivers created three main layers. The first included a lower stream sand, mud and clay fraction with a thickness of 70-80 m. The second consists of a 30-40 m thick stream sand, mud and clay as well as gravel layers and above that a 5-10 m thick sand layer can be found.

The filling of Lake Pannon with fluvial sediment started at the end of the geological new tertiary era, already in the Pliocene period. The rivers arrived from the Carpathian Mountains to the Hungarian Highlands deposited their rubble sediment already in the depression of the piedmont. Beyond the piedmont alluvial cone, the River Tisza and its tributaries flew towards the former baselevel first to the region Szarvas-Csongrád, then headed for the depression of the southern part of the Hungarian Highlands after they joined the Danube. At the beginning of the Lower Pleistocene, the downstream of the rivers Tisza and Szamos was southwest through the area of Nyírség whereas the rivers from the northern Carpathians flew northsouth through the area of Nyírség, Hajdúság and Hortobágy until they joined the Tisza. The rivers built extensive alluvial plains within the basin mainly from gravel and sand as well as gritstone in the moderate cold and wet climate in the Lower Pleistocene era. During the climate changes in the Pleistocene era, clay and fine rock flour of considerable thickness settled in the dry, cool and cold period with less precipitation. Alluvial cones did not have a constant development due to climatic and tectonic reasons in the Quarternary. The rivers downcut into their own alluvial cones or they left a part of that for longer or shorter periods so stream sedimentation was interrupted in vast areas. The following products are available:

Főnix organic natural mineral water still 19 ltr.



D-Soda Soda Water

It is based on Főnix eleven-thousand-year-old organic natural mineral water with extremely low sodium content as well as an optimal mineral and trace element content for the human body. Its carbon dioxide content is up to 13 g. Its pleasant natural taste encourages consumers' daily water consumption. If you drink it as a spritzer, you can also feel its positive effect. After eating it can help digestion.



Soda water and its effect affecting health
Prof. Dr. habil. Dinya Zoltán, DSC

„Drink for your health consciously”

Soda water, which is also called as carbonated water, soda water, club soda, sparkling water, seltzer, seltzer water or fizzy water in English-speaking countries, is part of our everyday life as an unflavoured or flavoured drink as well as an alcohol beverage if among others wine or gin is added to it.

Soda water is water that has been infused with carbon dioxide (CO_2) gas under pressure. Carbon dioxide reacts with water and carbonic acid (H_2CO_3) is formed. The pH value of this solution is between 3 and 4 and it is bubbly and fizzy due to the free carbon dioxide. Club soda, which is equal to soda water, is popular in the US and in the UK but depending on the producer, it contains table salt, sodium citrate, sodium hydrogencarbonate, potassium sulphate or disodium hydrogen phosphate to reduce acidity (In the UK, soda water always contains sodium hydrogencarbonate (its common name is sodium bicarbonate)).

Health effect of soda water and carbonated drinks

Several positive and negative, presumed or real, effects have been published mainly in the media, on the internet or partly in scientific journals connected with the worldwide spread and consumption of soda water and carbonated drinks, which are so-called soft drinks.

The statements and results made and achieved so far are hereby summarized and critically assessed.

Health effect of soda water

There is little scientifically substantiated health affecting negative experience concerning soda water.

- Soda water consumption cannot cover the daily fluid need or intake depending on the age. Just like for all substances, the effect of soda water depends on its dosage. The recommended daily soda water consumption is appr. 1 liter at most.
- When drinking soda water, no energy (calorie) is taken.
- Basically, the quality of the "basic water", its mineral composition and the carbonic acid/carbon dioxide determine the value of soda water. The pH of healthy soda water should be between 3 and 4 (optimal value is 3.4-3.6).
- According to the data available so far, one of the most substantiated objections and a negative fact regarding soda water or carbonated soft drinks is connected with the aluminium container they are filled in. There is only some suspect but no proven facts related to aluminium, which mean that it has its role in the development of Alzheimer's disease, a neurodegenerative disorder with dementia. It is recommended to drink soda water or carbonated soft drinks in bottles or plastic bottles (smaller bottles are better) in order to avoid this risk that has not been established clearly.
- The most common counterarguments and negative comments against soda water include tooth enamel erosion (acid erosion, dental caries), tooth discoloration, cavities, in other words tooth destruction are. These negative statements are not correct or confirmed for soda water but unfortunately, they are right for carbonated soft drinks with sugar and/or phosphor content [7-9] with a high degree of probability. Scientific tests have shown that teeth are damaged by soft drinks with sugar or/and phosphor content drunk regularly much faster, even a hundred times than by soda water. (You can reduce these negative effects considerably if you wash your teeth after consumption!). When carbon dioxide dissolves in water, less carbonic acid is formed and this makes water slightly acidic (pH 3-4). If a healthy tooth is put into soda water or into flavoured soda water with no sugar content and it is soaked there longer, there are no changes. (Unfortunately, that is not the case with strongly acidic drinks with sugar content.) This is especially true if soda water is made from high-quality basic water as its calcium and other mineral content in small quantities compensate for the effects of carbonic acid, in other words, it protects tooth enamel. When young children (4-7-year-old) drink soda water regularly, that can cause enhanced damages to the weak tooth enamel [10]. It is not recommended for older people (>50) to drink soda water because of the state of teeth according to their age. However, soda water destroys bacteria in the oral cavity protecting the teeth [11]. Phosphoric acid (see Coke) reduce the calcium content of the bones including the teeth considerably as phosphoric acid inhibits bone formation and enhances bone metabolism (it enhances osteoporosis). Thus, it increases the risk of bone fracture and tooth cavities [12]. Available scientific data [13-14] prove that the consumption of unflavoured or flavoured (sugar-free) soda water can cause tooth enamel damage, tooth decay to a negligible extent only and the consumption of soda water does not increase the risk of bone fracture substantially.
- Another general counterargument or negative misbelief against sodawater is that its consumption causes throat or stomach injuries or gastrointestinal disorders as well as it stimulate the development of reflux disease and esophageal cancer.
- Soda water has its bactericidal activity. Therefore it increases oral hygiene [15-16] and reduces oral malodour caused by bacteria. It is especially recommended for people travelling into foreign (tropical) countries to drink it. Soda water typically inhibits the symptoms of common colds or for example herpes virus.
- Scientific findings achieved so far [17-21] do not confirm the above mentioned negative statements despite the fact that histological (morphological) data have been found concerning extracellular calcium imbalance in experiments carried out on in vitro chicken embryos [22].
- Another common but false counterargument is that soda water changes the pH of gastric acid. It does not change it to an extent that would inhibit digestion. Moreover, according to the experience gained so far,

soda water promotes digestion and reduces the feeling of fullness after substantial meals. Soda water does not dilute stomach acid, despite another misbelief. However, it reduces nausea or sickness (which is for example a common side effect for patients before chemotherapy). Soda water promotes defecation thus it reduces the symptoms of constipation. It is not recommended for patients suffering from inflammatory bowel disease or Chron's disease to drink soda water regularly.

- There are publications (see 21. Literature in summary 1) referring to the fact that soda water enhances so-called reflux diseases (GERD disease) while other statements describe an opposite conclusion. According to Johnson et al [21], this negative effect for soda water is not significant but strongly acidic soft drinks have this considerable negative effect where pH is 3 or under (e.g. the pH of some well-known drinks is as follows: RC Cola:2.4, Coca Cola:2.5, Pepsi Cola:2.5, Diet Pepsi:3, Seven Up:3.2, Diet Coke: 3.3, Sprite: 3.3). Current findings do not confirm a close correlation between soda water consumption and reflux diseases [18-21], in other words, they do not influence the physiological state of the upper digestive tract considerably.
- Soda water consumption is beneficial for athletes and people performing heavy physical work. Soda water consumption reduces muscle or nerve pains, enhances muscle function, helps to fight tiredness and promotes digestion. It is especially beneficial if your feet or hands are soaked in soda water after competitions or they are washed or rinsed with soda water (its disinfecting properties are also important!).
- If you drink soda water or soft drinks with high sodium content, you must consider that enhanced sodium intake can lead to the increase in blood pressure, in other words it can increase the risk of diseases connected with high blood pressure (e.g. brain haemorrhage, heart attack, kidney diseases etc.).
- Soda water increases kidney pressure and enhances urination as well as it speeds up alcohol absorption in the bloodstream [23].
- Several scientific surveys support the fact that soda water rich in calorie free minerals reduces the whole or LDL cholesterol level by appr. 7.8 % or 10-12 % as well as the glucose level in serum [24-26]. Overweight people believe tap water is not "delicious" enough but soda water is more accepted. Soda water can be deemed as a natural "weight control" as it contributes to the energy balance control of the human body, the prevention of metabolic syndroms such as type 2 diabetes. This statement is also valid for children [27]. From this point of view, sugar-free caffeinated sodawaters are particularly beneficial, however, children and young people ≤ 15 years should drink it moderately (optimal daily intake is 3-4 dl). [28]

Summary

Current scientific findings do not confirm negative opinions or beliefs or in many cases they even deny them. Soda water produced from appropriate water has several positive health protecting or health determinant effects that have been proven. It is recommended to drink it as part of a health conscious diet. The consumption of sugar and artificial sweetener-free soda waters or soda waters flavoured with natural sweeteners is beneficial in the recommended dosage.

Strongly acidic carbonated soft drinks have or can have negative and harmful effects for your health if you drink them regularly for a longer period of time.



Prof. Dr. habil. Dinya Zoltán, DSC
Doctor of the Hungarian Academy of Sciences

Nanna organic natural mineral waters structured by catalytic treatment

Structured alkaline water can promote the balance of the pH value of the human body in the nutritional environment disturbed by everyday life and establish ideal conditions concerning its function. According to current scientific knowledge, the human body can function in an alkaline environment better and acidification can be the source of several problems. Alkalizing helps the tissues take up more oxygen thus digestion can be improved. Weight loss and slowing down the aging process can have the benefits if it is drunk regularly. Indeed, alkaline human body is one of the secrets for a longer life. There are various kinds of alkaline waters: natural mineral waters, waters with sodium bicarbonate or eleven-thousand-year-old alkaline water structured by electric treatment with a high pH value and a low ORP value due to iron, manganese and arsenic removal with the first organic certificate in Hungary. The importance of this water treatment concerning the promotion of conscious nutrition has been proven by several international publications. Archeological findings show and prove how the appropriate shape of utensils structured water and influence their storability.

NANNA AquaAlfa alkaline pH>10 1.6 ltr or 19 ltr Főnix eleven-thousand-year-old organic natural mineral water structured by an electric treatment. It has been proven that a human clinical medical research has been carried out on volunteers having the symptoms of reflux disease with this product; see Appendix “Diploma” (License number: 5027-6/2018/EÜIG)

NANNA SportpH pH>10.5 ltr Főnix eleven-thousand-year-old organic natural mineral water structured by an electric treatment (marketing packaging, its content is the same as that one of AquaAlfa)

NANNA VitalpH alkaline pH>9.5 1.6 ltr or 19 ltr Főnix eleven-thousand-year-old organic natural mineral water structured by an electric treatment.

Life on earth is based on carbon and hydrogen. („Hydrogen is the fuel of life”, Dr. Albert Szent-Györgyi). According to the present state of scientific knowledge, the human body can take oxygen in a sufficient quantity through its hydrogen saturation only if it is alkaline as it can function properly in this case only. NANNA alkaline waters have no buffering capacity and they have minimal sodium content!

We still need to know that ORP value is the most significant and not the pH value (-240 - -80 mV).

Our eleven-thousand-year-old organic natural structured alkaline waters do not contain any additives.

In addition to the optimal amount of minerals and trace elements for the human body, high alkaline content and a low ORP value could be reached due to structuring method.

Apart from controlling the symptoms of your reflux disease, you can add your alkaline diet with this product because it can help the balance of cell metabolism as well as the regeneration of muscles and the reduction of their acidification after doing sport or heavy manual work. It can stabilize the pH level of the human body, which can help the optimal oxygen uptake capacity. Due to its antioxidative effect proven by in vitro laboratory tests, it can help to reduce the burden caused by oxidative stress due to physical exercise. It can have a role in promoting healthy aging and reducing overweight.

Measure the pH value of your first urine in the morning (pH dipstick is available at the chemist's). A value between 5 and 7 is a normal one but it is better if this value is near 7. Recommended daily intake is at least one bottle for pathological changes, heavy manual work, training or sport (1.6 ltr). It is recommended to drink half a bottle a day for the purpose of prevention, alkalizing the human body. Children should drink a bottle of Lúrkó alkaline water a day (0.55 ltr).

It is recommended to cure reflux disease by drinking a bottle of AquaAlfa alkaline pH>10 (1.6 ltr) a day.



Test report
made upon the request of
Aqua-Plastech Ipari, Kereskedelmi és Szolgáltató Kft.
regarding the antioxidant capacity test of „alkaline pH>10 Nanna Aqua Alfa” water

Purpose of the test is to determine and characterize the in vitro antioxidant activity of the water sample made available.

Description of the test water sample:

„Alkaline pH>10 Nanna Aqua Alfa”

Date of manufacture: 03/08/2016

The test water sample has been extracted from deep drilling water owned by the company by electric treatment. The extracted alkaline water is ERW (Electric Reduced Water) and it has been delivered in an original closed bottle.

pH value was 10.22 ± 0.1 (average value of four measurements).

The values of the in vitro antioxidant capacity of the sample have been achieved by using

TEAC (Trolox Equivalent Antioxidant Capacity) ABTS+ .

and ORAC=S-ORAC /peroxyl radical ORAC/

Single Oxygen Radical Absorbance a Capacity S-ORAC

methods generally approved and applied (see: References) complying with AOAC standards.

The indicated measurements results include the average values of three parallel measurements. The measurement data have been achieved by using ANOVA - statistical programs and the standard deviation of the results obtained was less than 2 %.

The values of the antioxidant capacity obtained during the test are as follows:

	TEAC/ABTS+. (μ MTE/100 ml)	S-ORAC (ROO.) (μ MTE/100ml)
pH>10 alkaline (ERW) water	534,2	948,5

The measurement results are indicated in μ MTE/100ml that is in a unit value of micromol Trolox /100ml and measurement error is less than ± 2 %.

Test conclusions:

-The original basic water used for pH>10 alkaline (ERW) water has been tested, which has not showed any antioxidant activity. Alkaline, antioxidant condition has been reached by an electric treatment in accordance with the general statements included in literature;

- The properties of pH>10 ERW test water are in accordance with the data published so far and those ones achieved by my tests.

-Based on TEAC/ABTS+ and S-ORAC data, the test water has shown its own antioxidant capacity. Based on recent scientific results (see Literature), S-ORAC test method is the most approved and reliable among the test methods applied currently. (Unfortunately, today (total) T-ORAC value is highlighted instead of S-ORAC. The above mentioned antioxidant activity measures and expresses not only one peroxyl radical but also five reactive oxidant forms. (Unfortunately, today it is only Brunswick Laboratories, US, that can measure it appropriately.)

All in all, we can state that Nanna Aqua Alfa pH>10 alkaline water tested by me has shown in vitro antioxidant activity.

Debrecen, 03/10/2016

Prof.Dr. Dinya Zoltán
Doctor of the Hungarian Academy of Sciences

Natural mineral water enriched with iodine and selenium

NANNA Immunium +with iodine and selenium 1.6 ltr or 19 ltr Főnix eleven-thousand-year-old organic natural mineral water enriched with iodine and selenium

NANNA AquaMama +with iodine and selenium 0.55 ltr Főnix eleven-thousand-year-old organic natural mineral water enriched with iodine and selenium

Scientific data prove the combined and mutually supporting bioactive effects of iodine and selenium.

Selenium contributes to the normal thyroid function, the normal function of the immune system as well as to cell protection against oxidative stress. It is also essential for normal spermatogenesis. It slows down harmful cell aging and it helps to keep the body's tissues young and flexible. Adding it to mineral water with the first organic certificate in Hungary, it helps to boost your immune system combined with a hydration effect.

AquaMama: a 0.55 ltr bottle of AquaMama that includes the minimum quantity of iodine and selenium required for pregnant women and nursing mothers.



The functioning of your immune system can be disturbed at several points if there is not sufficient selenium uptake from food and it cannot be used by the human body efficiently. Selenium can remove heavy metals and arsenium from the human body. Selenium is the sweeper for your body as there is no life without selenium. You can ensure the most optimal effects and benefits as selenium and iodine can be combined excellently. Considering the modern nutritional ingredients and environment, iodine and selenium are essential as dietary supplements for pregnant women, nursing mothers as well as for children and adults. It is a proven fact that iodine and selenium support the immune system. Iodine contributes to maintain the normal mental functioning, the normal functioning of parathyroid hormones as well as to the normal thyroid function. Also, it is involved in the normal metabolism processes that produce energy.

NANNA organic natural waters enriched with iodine and selenium to be utilized biologically can be the right source of intake into your body.

According to the present state of scientific knowledge, there are other significant scientific publications about selenium and its antiviral importance.

It should be noted that iodine and selenium can be taken by another daily food in an extremely low amount only (The chlorine added to piped water also neutralizes the iodine content of artesian wells).

A survey carried out by WHO in 2010 revealed that worldwide more than 55 % of new-born babies, kindergarten children and children attending elementary school have a different thyroid function due to iodine and selenium deficiency.

Recommended daily intake: a 1.6 ltr bottle of Immunium that includes the minimum quantity of iodine and selenium required for adults.

Iodine and selenium

Iodine and selenium are essential micronutrients. They are necessary organic trace elements for the normal function of the human body and the prevention or influence of several diseases (e.g. thyroid problems, tumors of the hormone system, diabetes etc.) despite their toxicity depending on the actual dose.

Today, iodine deficiency affects 2.5 billion people worldwide according to the data issued by WHO in 2010 and two-third of them is school-age children!

Iodized salt is the main form of iodine supplementation. However, it should be noted that part of the iodine content taken into your food by salt disappear during cooking. On the other part, it is recommended to reduce your salt consumption for health protection reasons, which means iodine intake is also reduced.

Selenium is necessary for the function of several essential enzymes (e.g. SOD, CAT, GPx) . The combined optimal level and intake of iodine and selenium by food is especially important for the healthy thyroid function. Thyroid malfunction induces several disorders /tumors, metabolic syndromes, diabetes etc./ Iodide ion taken with food (I^-) is reduced to iodine (I) in the human body then it is involved in the synthesis of thyroid hormones (TH), T_4 and the active T_3 form. T_3 is formed from T_4 due to the deiodinase enzyme with selenium content. Not only thyroid needs iodine for the normal function of the human body but also mitochondria which is called as "the powerhouse of the cell". The optimal ratio of iodine and selenium and its biological utilization are important. Iodine and selenium supplementation must be combined.

Based on the current scientific results, functional drinking waters and functional foods are the optimal forms of iodine and selenium supplementation or intake.

Based on the latest results, positively charged hydrated iodine forms provide optimal biological utilization. Our functional waters include selenium in a form other than normal soluble inorganic salt/selenite/. Its hydrated cluster form contributes significantly to its positive physiological effects providing the selenium concentrate required for the optimal function of the human body.

Our functional waters are appropriate for preventing or reducing adverse physiological effects in connection with iodine and/or selenium deficiency. Our redox water with selenium and iodine content has its beneficial antibacterial effect and it is particularly suitable for preventing or influencing Candida infections. Our alkaline reduced functional water enriched with iodine and selenium shows in vitro synergistic effects when using it for fruit or vegetables with several polyphenols and antioxidant content according to phytochemical tests.

In accordance with current scientific results (see the attached literature), the consumption of drinking waters including polyfunctional iodine and selenium can contribute to maintaining your health, preventing or having a positive impact on disorders.

Prof. Dr. Dinya Zoltán
Doctor of the Hungarian Academy of Science

The physiological effects of selenium Dr. Kónya Judit Author: WEBBeteg - Dr. Kónya Judit, family doctor
Selen is a microelement that can be found in an amount of 10-15 mg only in the human body, however, its presence transmits varied impacts. The major part of selenium is included in soft tissues, mainly in liver cells. You take it with your food. The main sources of selenium are seafood or whole-grain cereals or offal such as kidney and liver as they include selenium in a significant amount to be used by the human body biologically. It absorbs from the alimentary canal with high efficiency, to an average extent of 50-70%. Adsorption is promoted by nutrition including protein-rich foods. Meat, fish, milk, eggs or legumes with high protein content are selenium-rich foods. Selenium and vitamin E mutually reinforce each other's benefit whereas Sulphur, silver or arsenic block the impact of selenium. The daily selenium requirement has not been defined uniformly. The RDA value adopted in the USA is 0.05-0.07 mg. Metabolism tolerance concerning selenium changes within narrow limits, which means that the necessary amount and the threshold limit values regarding selenium as a toxic agent are rather near to each other. The threshold limit value concerning toxicity is 0.20 mg a day. Selenium poisoning is called selenosis and its symptoms are as follows: alopecia and body hair loss, skin lesions, garlic breath, dental problems or nervous system dysfunctions.

Advertisement: Role of selenium in the human body

The most important part of selenium is based on its antioxidative effect whereby it can reduce oxidative stress and therefore it contributes to the maintenance of cell membranes by providing chemical protection of lipid substances. It has an antioxidative effect as it is involved in the creation of the structure of glutathione peroxidase enzyme. One of the features of selenium is connected with antioxidative protection whereby selenium strengthens the immune system and selenium can boost various processes required for germ protection. It has been proven that the amount of selenium slightly over the physiological need helps to reduce the risk of developing cancer, however, the intake of excessive selenium increase this risk! It has been verified that selenium blocks the development of several tumour types and it provides protection for healthy cells. Tumor cells cannot take glutathione connected with selenium thus their protection against oxidation (that is against harmful chemical stress) is reduced.

Details: <https://www.webbeteg.hu/cikkek/egeszseges/6137/szelen>

Selenium: cure-all for various applications

Prof. Dr. Balázs Csaba

It can be applied to prevent viral diseases occurring in autumn or winter frequently and to prevent and cure several serious disorders considered as widespread diseases. Prof. Balázs Csaba, endocrinologist at the Endocrine Center in Buda has reported about the medicinal importance of selenium.

Protection against viruses and harmful free radicals

Factors we meet everyday lead to the enhanced production of free radicals damaging the cells. These are stress, polluted air, various chemicals that can be found in our environment or in the food we eat. The harmful effect of free radicals on cells appears in the whole human body. The so-called oxidative stress, which is the process of the formation of free radicals can cause changes in certain organs. These are the before mentioned heart problems, skin inflammation, stroke in the brain, asthma in the lungs or it can contribute to the development of disorders affecting several organs such as diabetes or tumors. In addition to many favourable properties, we can enjoy the antiviral effect of selenium in particular in winter. Based on surveys made in 2005, there was a high occurrence of flu pandemic in the European countries with a low level of selenium.

Hormonal abnormalities and infertility

Based on epidemiological data, there are significant endocrine problems including thyroid disorders as well as the problem of female and male infertility, which is connected with selenium deficiency. It is known that not only iodine but also selenium deficiency can lead to thyroid disorders or in serious cases even to death. In a previous research carried out concerning male infertility or subfertility, it was definitely revealed that sperm migration has been improved after 100 micrograms of selenium had been taken for three months.

Personalized dosing is important.

Hungary is among the European countries with a moderate selenium deficiency so selenium supplementation is important. It is also important to avoid excessive amounts of selenium, in other words, you should not take selenium in an amount beyond what is necessary. It is a basic pharmacological statement that a substance without any side effects probably does not have any medicinal properties. We have to find the range (usually 150-200 ug/day) where a favorable effect is expected. However, the dosage depends on the patient's condition or indication: patients in critical condition need a dosage considerably bigger than the recommended one. You should know that selenium with its antioxidant role is toxic and it can cause diseases when it is used in a greater concentrate than needed. All the parameters are to be considered in terms of the patient's health at the same time and carefully. It is recommended to set the necessary daily intake for each person for the purpose of achieving an optimal effect: you should take so much and only whenever your body needs it.

Organic structured natural mineral water rich in stabilized oxygen.

Oxygen invigorates the microbes that are essential for the body and can impede the development and reproduction of harmful microbes. It is a scientific fact that 60 % of the oxygen supply of your body is provided by your foods and the rest is breathed only. In particular, water enriched with stabilized oxygen is of huge importance all the more so because water is not utilized by digestion but by adsorption. The oxygen getting into the bloodstream through the alimentary canal can have a performance enhancing and mentally stimulating effect as well as it can help peripheral and cerebral oxygen supply.



NANNA OxySpin Redox power water 1.6 ltr and 19 ltr Főnix eleven-thousand-year-old organic natural mineral water structured by electric and stream technology

NANNA OxySort Redox power water 0.5 ltr Főnix eleven-thousand-year-old organic natural mineral water structured by electric and stream technology (they do not contain added oxygen because added oxygen cannot mix with water)

A daily consumption of 1 bottle (1.6 ltr) of this water can promote endurance, digestion, daily feces production and it can have a positive impact on developing mental well-being.

Athletes can drink a multiple quantity of this water in order to achieve the proper mental and physical fitness. The concentration of harmful substances from metabolism is removed from the human body by the flushing effect of water while the human body gets vital oxygen that can be easily utilized biologically.

Oxygen invigorates the microbes that are essential for the body and can impede the development and reproduction of harmful microbes. It is a scientific fact that 60 % of the oxygen supply of your body is provided by your foods and the rest is breathed only. In particular, water enriched with stabilized oxygen is of huge importance all the more so because water is not utilized by digestion but by adsorption. The oxygen getting into the bloodstream through the alimentary canal can have a performance enhancing and mentally stimulating effect as well as it can help peripheral and cerebral oxygen supply.

You cannot live your life without any oxidative stress because it is also caused by your breathing. Just think about athletes' performance, which is also oxidative stress. Sports performances can be improved with the help of our oxygen waters and they can promote the optimizing of the body exposed to high-level (mental, physical or sports) stress. Athletes need a great amount of antioxidants after trainings or competitions, which can be provided by our products, NANNA 9Berry 4you (a natural concentrate of 9 berries with 800% berry content) or NANNA alkaline waters.

The University of Veterinary Medicine has chosen the simplest means of evidence during the experiment with race horses (July 2013). 10 race horses were given our water enriched in stabilized oxygen, which earned 194,000 HUF during the same race period before the treatment with water and 1,053,000 HUF after they were given 5 l of oxygen water every day for three weeks.

2008 Peking Olympics Kayak Kanoe selection



Senánszky Petra World champion fin swimmer



WESSLING Hungary Kft.
1047 Budapest, Fóti út 56.
1325 Budapest, Újpest Pf. 211
Tel. +36 (0) 1 272 2100 · Fax +36 (0) 1 435 0100
info@wessling.hu

Előzmények:

Az Aqua Plastech Kft. (4251 Hajdúsámson, Diósvár dűllő 23/a.) azzal a kéréssel fordult a WESSLING Hungary Kft.-hez, hogy a részünkre átadott termékek doppingszer mentesség vizsgálatát elvégezzük.

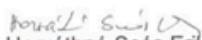
Termék megnevezése	Gyártó	Lejáratási idő
OxySport redoxy water	Aqua-plastech Kft.	2009.06.23.
Aqua-alfa bázikus ivóvíz	Aqua-plastech Kft.	2009.06.25.

Vizsgálati eredmények értékelése:

Fenti termék vizsgálata megfelelő mintaelőkészítést követően gázkromatográfiás-tömegspektrometriás módszerrel történt.*

A bevizsgált termékek doppinglistán lévő stimulánsokat és anabolikus androgén szteroidokat nem tartalmaznak.

2008. július 28.


Horváthné Soós Erika
Doppingell. Laboratórium
Laboratóriumvezető

Irodalom:

W. Van Thuyne and F.T. Delbeke, *Nutritional supplements and doping: The Ghent Experience*, in *Recent Advances in Doping Analysis*. Edts: W. Schänzer, H. Geyer, A. Gotzmann and U. Mareck. 2003. 11, Sport & Buch Strauß: Cologne (Germany). 57-66.

M.K. Parr, H. Geyer, U. Reinhardt and W. Schänzer, *Screening of Nutritional Supplements for Stimulants and other Drugs*, in *Recent Advances in Doping Analysis*. Edts: W. Schänzer, H. Geyer, A. Gotzmann and U. Mareck. 2003. 11, Sport & Buch Strauß: Cologne (Germany). 67-75.

AcidusAqua super oxide acidic water pH<3 It is non-carbonated!!!



It is based on eleven-thousand-year-old organic natural mineral water structured by catalytic treatment. It can dissolve the waste products deposited in the body through its high dissolution potential internally and it can have disinfecting properties due to its concentrated oxygen content.

Notes about the effects of EOW acidic water are included in the extracts of the available literatures.

It has low buffering capacity due to its modified molecular structure. Also, it is a hiperoxidized product with excellent disinfecting properties based on organic natural mineral water, which has a purifying effect due to the electrons extracted by it. It is both for internal and external use!

Acidic water is a special product of NANNA product family that does not make tissues acidic despite its acidic pH value. It does not even irritate the very sensitive cornea when using it for rising eyes. If it is used regularly it can have a purifying effect on the body resulting in self-cleaning.

For external use, it can restore the neutral state of the skin. It has excellent hydrating properties, it keeps your skin firm or it removes smaller wrinkles. Fungal skin infections or pimples on the skin can be treated successfully when the product is used as a compress or it is sprayed. It has excellent disinfecting properties when fruit or vegetables are washed with this water.

Summary data analysis of the (attached) literature concerning acidic water /EOW/ structured by catalytic treatment

-In 2003, H.Xin et al. (Chin.J Traumatol, 6/2003/234-237; PMID: 12857518) examined the effect of EOW on burns in animal (rats) experiments regarding third degree burns. It was found that EOW enhanced the proliferation of lymphocytes and macrophages, which contributed to the regeneration of burnt skin considerably. EOW is recommended for the cleaning and caring burnt skin.

-Researchers from Japan, N.Yahagi et al. (Artif.Organs, 24/2000/984-7; PMID: 11121980) came to a similar conclusion who found that hypochlorous acid (HOCl) is ineffective but EOW enhanced fibroblast migration and proliferation thus improving dermogenesis and enhancing the healing of surface wounds.

- In a publication in Japanese, Y.Fujino et al. (Dept.Crit.Care Med., Wate Medical University) found EOW beneficial when it was used as a surface rinse for various hospital patients /e.g. patients with Klebsiella pneumoniae infection, patients undergoing surgery or patients with limb injuries due to diabetes /. The period of therapeutic treatments were shortened by the use of EOW.
- Scientists at the University of Oxford (J.B.Selkon et al.: Int Wound Healing Fond; 15/2000/,33) used EOW for chronic venous leg ulcer, which reduced the infection risk of wounds considerably and enhanced wound healing.
- There are several data (data from human or animal experiments as well as in vivo or in vitro data) concerning the preliminary treatment before hospital treatment or clinical therapeutic treatments of burns caused by chemicals using EOW (<http://www.medskills.eu/index.php>). Injuries caused by chemicals (strong acids, alkalis, phosphor, cement, phenol etc.) are more dangerous in many cases (as they are based on the coagulation necrosis of tissues) than burns caused by heat.
Burns caused by chemicals develop more slowly and their extent and depth can be predicted with difficulty. EOW can be used for these burns as a preliminary treatment before hospital treatment then for promoting a clinical treatment and reducing healing period.
- Recently, B.A.Lipsky and C. Hoey („Topical Antimicrobial Therapy for Treating Chronic Wounds“, Clinical Practice , 49/2009/15. Nov/,1541-1549) gives a summary about and analyze the topical antimicrobial therapies for treating chronic wounds. EOW has been classified into the category of antiseptic substances and it has been identified as a suitable substance for the antimicrobial treatment of diabetic wounds.
- K.Tanak et al. (Nagasaki Univ.School of Medicine; <http://www.costpluswater.com/catalog/articles.php>) examined the effects of EOW for chronic ulcers and wounds and based on their human tests, they revealed that EOW treatment enhanced the cleanliness of wounds or ulcers promoted epithelial tissue formation and made the period of full treatments shorter. Also, it proved efficient against resistant bacteria (e.g. MRSA). In addition, EOW has antiviral and bactericidal properties.
- In 2004, N.V.Vorobjeva et al. (Artificial Organs, 28/2004/,590-592; PMID: 15153153;) used EOW for nosocomial infections and they examined its effect on the ten most frequent pathogenic bacterial strains. It was found that EOW had inactivated all the pathogenic bacterial strains completely in 31 seconds except for the bacillus spores that were destroyed by EOW within five minutes. EOW is the proper disinfectant for stopping nosocomial infections.
- D.E. Allie (Wounds, Supplement to January 2006. 3-6) has pointed out and identified the benefits of the use of EOW after surgeries and for chronic venous diabetic wounds or ulcers. EOW can be beneficial as an adjuvant therapy and it can be used with great efficiency.
- C.M. Bougiovanni („Superoxidized water improves wound care outcomes in diabetic patients“, Today's Practice, 2006,11-14) has pointed out through examples that EOW can improve the healing of diabetic ulcers, it can reduce the risk of amputations, in other words, it complements conventional medicine well.
- Most recently, P.K. Pandey et al. („Outcomes of Superoxide solution dressings in surgical wounds: a randomized case control trial“, Int.J. Biol.Med.Res., 2/2011,965-968) have confirmed the results published in various references which demonstrate that EOW is an effective method for avoiding microbial infection of wounds and promoting or enhancing wound healing and it can complement conventional therapies well.
V. Kapur et al. have published similar results and statements (Indian J.Surg., 73/2011/, 48-53)

The well functioning healthy human body needs a safely controlled acidic environment as acidic environment has an important role in digesting food, in adsorption (salt forming) processes and in preventing viral, bacterial and/or fungal infections (e.g. oral or urinary infections as well as in treating surface impacts, wounds, ulcers, burns, bleeding gums etc. Acidic waters having their effect by proton (H^+) transfer mechanism does not acidify the tissues despite their acidic pH but they have their beneficial effect through their high dissolution potential.

Summarizing assessment

The scientific results achieved so far support and confirm that electrolyzed oxidizing water (EOW) has a wide range of antimicrobial effects, however, it has an inhibitory effect on human pathogenic fungi /e.g. *Candida albicans*) or it can have an inhibitory effect on viruses (e.g. HIV-1). It can be used for surface treatments, cut wounds or ulcers safely and successfully (most data refer to chronic diabetic venous ulcers!).

There are data available concerning the beneficial use of EOW after surgical interventions.

EOW is efficient and it can be used for antibacterial treatments of surfaces or devices at home or at hospital. Also, it has a positive effect regarding personal surface disinfections. EOW can complement medical treatments/interventions or therapies well.

Hajdúsámson, 18/10/2014

Prof. Dr. Dinya Zoltán
Doctor of the Hungarian Academy of Science

Used externally for wound healing.

The difference between the before and after pictures is only a few months.



Before



After



Before



After

Sugar syrup mixture from apples, dates and grapes

Simple carbohydrates are the main components of foods as macronutrients providing energy. Sugars including fructose, glucose or saccharose are outstanding among these. Cane and beet sugar have been best known so far, however, current scientific knowledge does not confirm them physiologically. These simple carbohydrates have various cell or organic functions (e.g. mainly they determine the energy balance of the human body). You can find sugars in your foods or drinks in a natural form or as additives. It is commonly known that excessive sugar consumption disturbs the energy balance of the human body (its adsorption is 20-25 minutes), it causes metabolic syndrome (obesity, type 2 diabetes etc.). „Vital-sweet“ is natural, it has an average adsorption period (6-6.5 hours), fructose: 37%/100 g, glucose 25-26%/100 g, saccharose 4-5%/100g., glycemic index is 48). This sugar syrup is free from toxic substances and it can be used universally.

It can be used in every field of nutrition excellently for flavoring foods, drinks or cakes. People of all ages including people with diabetes or those ones on a slimming diet can use it. Recommended daily intake is 10-30 g for children and 50-60 g for adults. If you suffer from FODMAP intolerance please consult your physician.

„It is naturally sweet“ and it does not have any off-flavors. Improve your quality of life, sweeten your life by using „Vital-sweet“ natural liquid sugar syrup!



9Berry4you is an 800 % concentrate made from the best known natural berries of the popular medicine. This is one of the basic products in the field of conscious nutrition.

(rosehip, elderberry, red grape skin extract, blueberry, blackcurrant, blackberry, chokeberry (Aronia), blackthorn, sour cherry)

The combination of the above mentioned berries reflects the current state of scientific knowledge in consideration of their significant properties.

It does not contain any preservatives as one of its main features is self-preservation.

Based on the nature and properties of these nine berries, this product has an antioxidant effect and it can bind free radicals. It can promote the function of the internal organs and it can keep cholesterol level in check.

According to experts' opinion, there are not any other products on the market with a similar content (all polyphenols are 40-50.000 mg/l). Its recommended daily intake is 2-3 ml for adults.

The natural components of this product are natural compounds with a beneficial effect that can be included into conscious nutrition. These are one of the most common substances among berries but they are mainly known as substances with beneficial health effects (such as antioxidative, anti-inflammatory, anti-tumor effects as well as properties protecting the circulatory system and maintaining vitamin balance) which can meet the requirements of conscious nutrition. They can promote cell protection against the harmful oxidative effects caused by free radicals in the human body. Most researches have involved the ingredients of the berries included in this product concerning their role improving the quality of life through conscious nutrition. Several beneficial and positive effects improving the quality of life have been detected. It can have a positive role in the protection against oxidative stress.



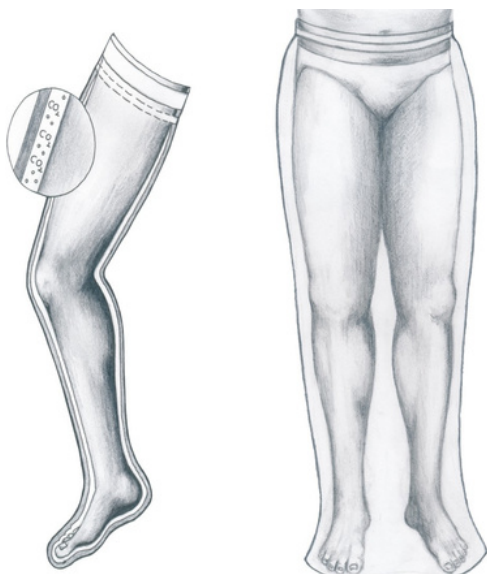
Home Mofette for therapeutical purposes against vascular diseases,

Directorate of Medical Technologies

Registration number: HU CAO1/1117/07 (it is our own invention and development)

(In accordance with Section 3 of Article 10 of Decree of the Ministry of Health no. 16/2006 (March 27) on medical devices

EAN code: 5998163710292



Mofette (CO₂) gas bath is one of the most efficient treatments without any side effects against vascular disorders. It is extremely effective if it is used regularly as a cure.

Mofette gas stops the deterioration in the state of health for the major part of patients and if it used regularly, even amputation as a final intervention can be avoided in many cases.

"Home mofette" is a Hungarian patent (the patent owner is János Darabos) and its great importance is that it is mobile as anybody can use it anywhere individually. Its important physiological effect is that due to the increase of carbon-dioxide content of the blood and tissues, the tissues rich in carbon-dioxide get oxygen from the blood in a greater quantity with the usual oxygen saturation of the blood. The gas diffusing through the skin gets into the tissues and this effect covers the the skin and the connective tissues under the skin as well as the internal organs. In addition, it has an impact on the whole blood circulation not only through the change of the peripheral resistance but also by influencing the heart function.

It can be recommended for improving the quality of life caused by the modern way of life and nutrition and for the purpose of prevention for adults over 45-50.

Home mofette and NANNA AcidusAqua pH<3 acidic water have been used in combination achieving the results shown in the following photos

The volunteers have participated of their own free will in the treatments.



Confirmation

Biokontroll Hungária Nonprofit Kft. is an approved organic inspection and certification body in Hungary. For the most part of its operation it carries out inspection and certification according to Council Regulation (EC) No 834/2007 and Commission Regulation (EC) No 889/2008.

In case of fields covered by the regulations but not regulated in details for organic rabbit keeping, game farming in game preserves and quail keeping Biokontroll created private standards, approved by the authority.

Among the fields not covered by the regulations, recognising the consumers' and manufacturers' demands, on 11th September 2015 the private standards for organic mass catering and organic cosmetics implemented so far have been supplemented by the prescribing document "Standard for labelling of bottled mineral water, spring water, and soda-water and medicinal water produced from these as "bio" and/or "organic".

First the company AQUA-PLASTECH Kft. (4251 Hajdúsámson, Diósvár 23/A., manager: Darabos János, hereinafter referred to as: Applicant) made a request regarding the water bottled by them to us to determine that these are in compliance with the requirements for organic water of Biokontroll Hungária Nonprofit Kft.

On-site inspection was carried out by Biokontroll Hungária Nonprofit Kft. on the production premises and seat of the Applicant in Hajdúsámson in September 2015 and the Applicant fulfilled the deficiencies required.

On the basis of the information available Biokontroll Hungária Nonprofit Kft. formulated the preliminary opinion as follows:

Water extraction, water treatment and bottling practices of AQUA-PLASTECH Kft. (4251 Hajdúsámson, Diósvár 23/A) are in compliance with the requirements set out in the organic water standard of Biokontroll Hungária Nonprofit Kft.

This confirmation was provided at the Applicant's request.

Budapest, 20th October 2015

Dr. Roszik Péter
executive manager

CERTIFICATE

Lab code	Sample	$\delta^{13}\text{C}_{\text{VPDB}}$ ± 0.2 [‰]	^{14}C concentration (pmC)* [%]
deb-16202	Aqua-Főnix Hungary, K-79	-15.3	$25,6 \pm 0,2$
conventional radiocarbon age** (BP)		water age *** (years)	
10900 ± 100		7150 ± 100	

*pmC: percent modern Carbon. The ^{14}C activity of the dissolved inorganic carbon relative to the activity of the modern carbon

** Supposing 100% pmC initial ^{14}C activity (no dissolution from carbonate during the infiltration)

*** calculated by the Ingerson-Pearson method

.....
.....

Éva Svingor PhD

senior researcher

head of Section of Environmental and Earth Sciences
Institute of Nuclear Research

Debrecen, 2009.11.02





CERTIFICATE

**The largest soda siphon
measured 1.21 m (3 ft 11.5 in) high,
30.8 cm (12 in) in diameter, and
contained 42.6 litres (75 pints) of
water. It was made by Aqua-Plastech
Kft, Hajdúsámson, Hungary,
in April 2004 to celebrate the
175th anniversary of soda water**

Keeper of the Records
GUINNESS WORLD RECORDS LTD

