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Cristal analysis

Evaluation of Water quality:

Evaluated samples:

Symbioceuticals Harmonizer GmbH, Wasserprobe: Control Bottighofen

Within a trade-off study, with which altogether 2 samples were taken, of which 2 came here to the comparative analysis, the crystallization were examined, which was won from the liquid phase and the fixed phase of the samples.

The crystals develop thereby from the extraction of the distillate arrears, which were calcinated

before. These crystalline salts are combined with the distillate and applied on slides. The liquid is

brought at ambient temperature to the evaporation. Typically assigned crystal pictures, which

permit a predicate about the quality of the samples, develop for the samples.

Production of the Kristallisates in the overview:

1. Distillation of the sample without additions of water or other solvents at low temperatures.
2. Production of the crystalline salts from the distillate arrears by calcination
3. Union of distillate and crystal-salts and following applying on slides.

- emergence of the typical, the samples of appropriate crystal pictures -

The crystal pictures are at any time reproducible from the same sample and always show those the samples of typically appropriate crystal pictures.

Symbioceuticals Harmonizer GmbH, Water sample: Control Bottighofen

In this evaluation the samples of the neutral tap water of Bottighofen (control) and the tap water of Bottighofen neutral treated with the Harmonizer Card of the Company Symbioceuticals Harmonizer GmbH were faced and their quality compared.

All Samples were subjected to exactly the same conditions, so that extraneous influences were largely excluded. The sample evaluated here is the neutral tap water of Bottighofen (control).

The Control Bottighofener shows a regular crystallization, which are condensed in the periphery of the image. This means, that the minerals are not very good dissolved in the water and therefore the water has a moderate technical water quality with deficiencies. Simultaneously, the surface formation of the minerals is not well distinct, so that no high bioavailability of minerals is to be expected in the water. There are no large crystal-free zones, which would point to a negative energy balance.

At certain areas 90° angle structures occur, that point to harmful information, which is often found in an artificial water treatment, as is done by the public water authorities. Pollution with chemicals, heavy metals or other environmental toxins cannot be found. The water is therefore chemically pure and free of load. The pollutant information could come through influence of harmful substances certainly also by chlorine gas, because the clusters structures arrange themselves according to these substances and pass on their effectiveness, even if the pollutants in the strict sense are not dissolved in a toxic concentration in the water and are also under detection limit. However, the accumulation of harmful information is not very distinctive and can be described as only slightly, but this has often an influence on the well-being of the consumer who consumes the water.

A pathological microbiological result is not found in this water sample. In this respect the consumer would not expect any harm by microbiological loads.

The water sample here is a drinking water of mediocre quality, which still shows signs of its natural origin. This can be seen in isolated angle structures that approximate to the 60° angle. They do not occur as frequently as in natural spring water and are therefore only relics of an original natural water quality.

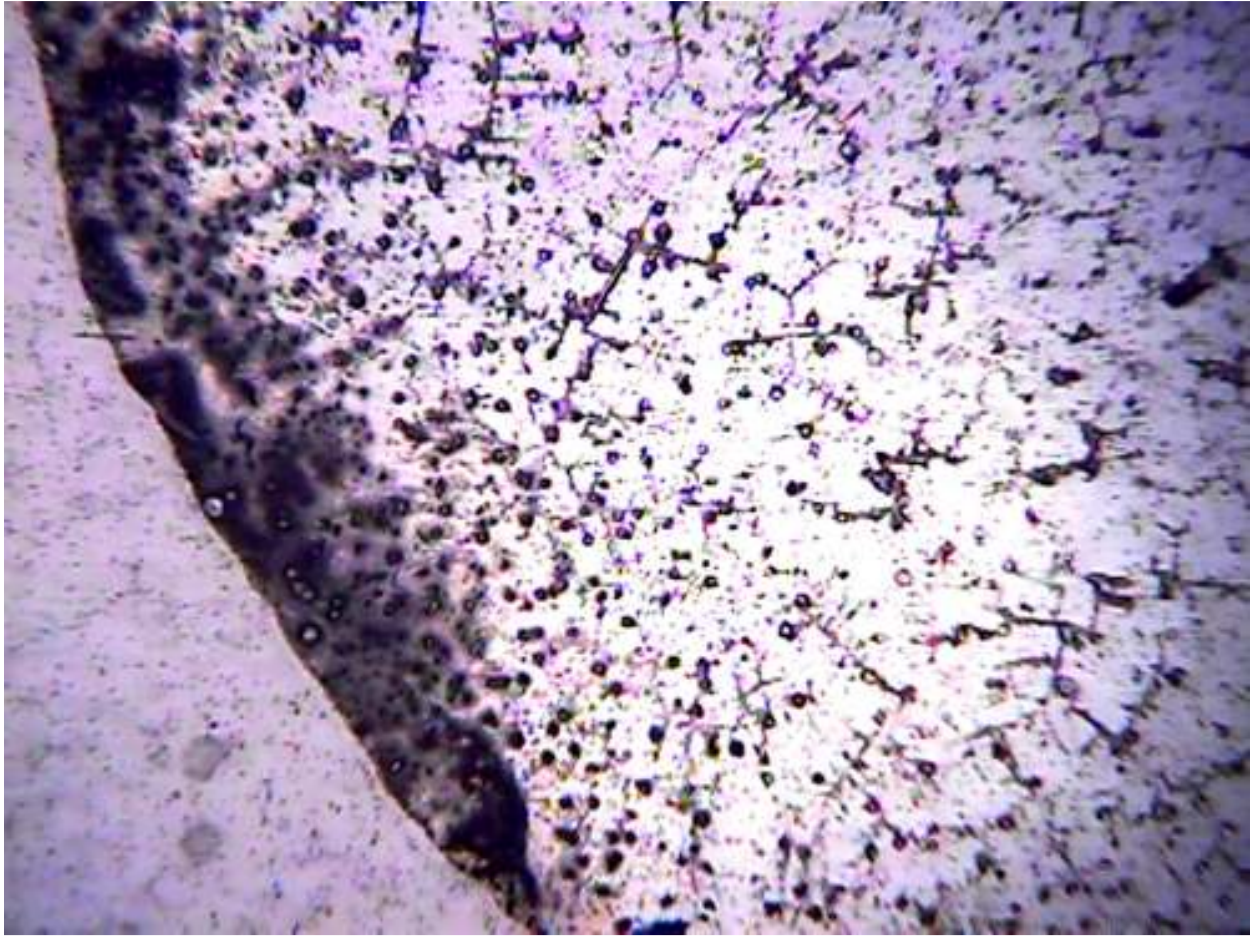
This water sample was slightly denatured by various water treatments. Compared to other samples of city water, here occurs a mediocre quality, which is higher, than water samples from large cities.

Further details are described with the images.

1. Entire Picture

Magnified 40 times

Sample: Symbioceuticals Harmonizer GmbH, Water sample: Control Bottighofen



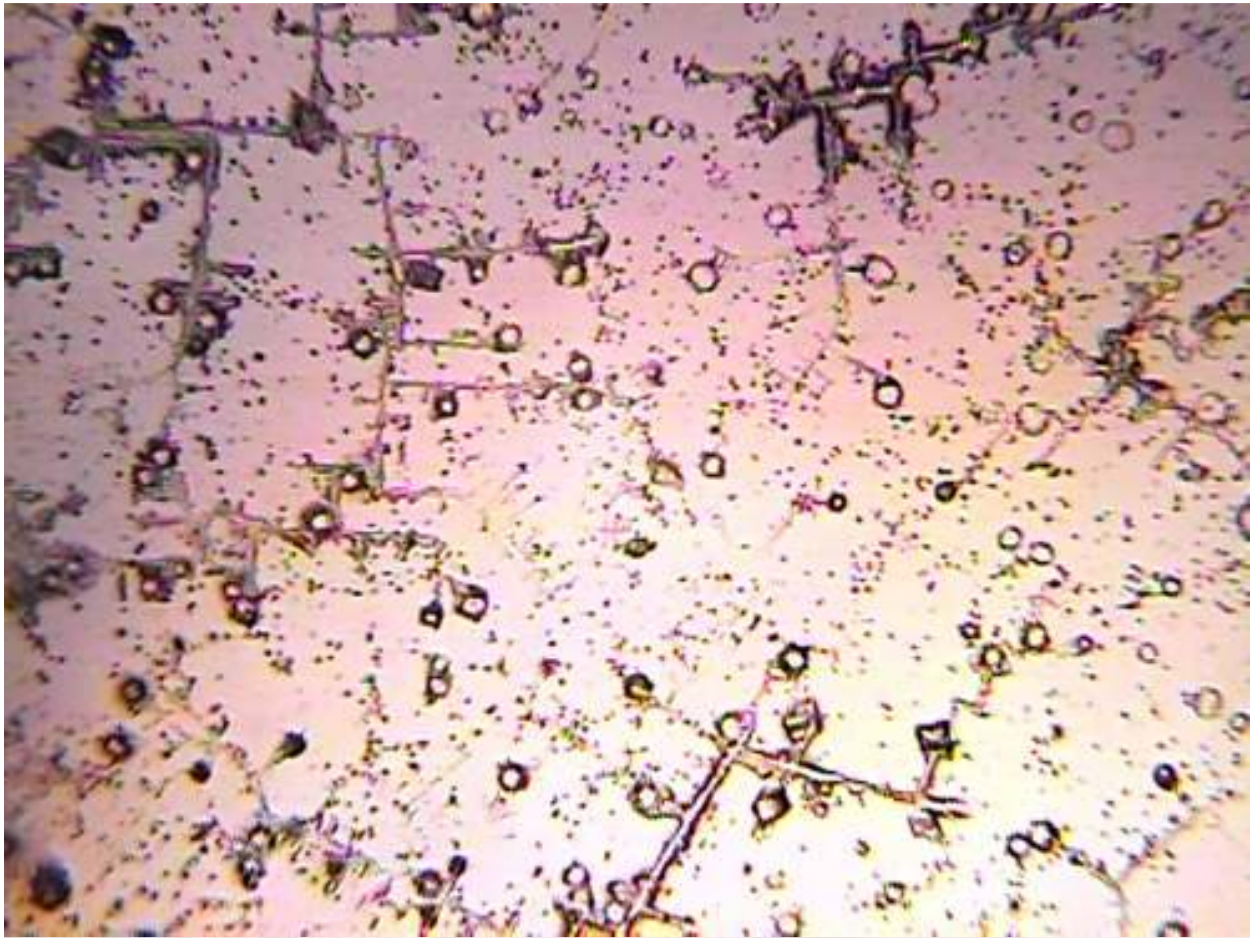
In the entire picture occur very dense crystal structures at the edges of the image, which indicate poorly soluble minerals and have a strong tendency to precipitate. Here the danger of calcification is relatively high. The condensed minerals even suggest, that with this water even normal appliances can hardly be operated continuously without damage, if there is no additional decalcification.

Crystal free zones do not occur here, which means that the energy level of the sample is mediocre. Although high quality natural spring water show no crystal free zones, but they very often have 60 ° angle structures that are lacking in this water sample almost entirely. In some areas single relics of 60° angle structures occur, that refer to the original natural water quality. However, this is an important criterion, since they are connecting factors for the renaturation of the water if treated with a suitable method. In a very poor water quality this is hardly possible. Because of this the control in a positive sense is still pliant.

2. Half Picture

Magnified 100 times

Sample: Symbioceuticals Harmonizer GmbH, Water sample: Control Bottighofen



In the half picture occur predominantly 90° angle structures. They point to harmful information. Notes on pollutants such as heavy metals or pesticides are not observed. This means that the sample is free of load. 60° angle structures, which point to a living water, are hardly shown here. There are few natural characteristics of spring water quality found here. The crystals don't show high surface formation, so that the water sample is hardly suitable to supply the human metabolism sufficient with minerals and trace elements, since it is unable to absorb this configuration of minerals and to integrate them into the organism. Bioavailability is correspondingly low and therefore the water is hardly suitable as viands with an adequate supply of the consumer with minerals and trace elements.

3. Enlargement

Magnified 400 times

Sample: Symbioceuticals Harmonizer GmbH, Water sample: Control Bottighofen



In the enlargement picture occurs a strong 90° angle structure, which dominates the picture. As mentioned above it points to a pollutant information that occur very clearly in the 400 times magnification, while 60° angle structures are not found in the 400 times magnification. Presumably, the treatment by the city water authorities has lowered the quality, but this can be clarified entirely only in an investigation of the raw water compared to treated tap water from Bottighofen. The energy balance is slightly negative and thus the consumer is more withdrawn energy while consuming the water, as it he will be supplied with energy. However, this effect is still relatively small and not as strong as in other samples of tap water, which are common found in large cities.

Summary:

Sample: Symbioceuticals Harmonizer GmbH, Water sample: Control Bottighofen

Picture Comparison with the Control:



Sample: Control Bottighofen, magnified 400 times



Sample: Harmonizer Card, magnified 400 times

Both technically and from a biological standpoint, the Control is the worse sample in the test. Though the mediocre Wassequalität is still suitable for everyday drinking purposes, it can not be highly recommended. It possibly reaches a satisfactory technical quality with a slightly elevated risk of calcification. In biological terms, the harmful information shows deficiencies in the water sample, which are not desirable for a high-quality drinking water. Overall occur too little at 60° angle structures, as they are found in greater numbers in a high-quality spring water. An approach to an originally natural water quality, could not be reached. The examined sample here shows a moderate quality of drinking water, which is not particularly recommendable for the consumer. We evaluate this sample with a score of 3.1 and satisfying. If one should wish more detail of its medicinal effect, then tests using the blood crystallization would need to be done, as those details are unfortunately not given within the limits of this test.

Herdwangen, June 15, 2016

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