

### 6.3 Assessment of biological importance of parameters

VINCENT, a French hydraulics engineer, has found an important relationship between physico-chemical quality of drinking water and health of the population in various regions of France. This observation led him to classify biological water quality according to its pH value and reduction/oxidation properties, especially the rH2 values.

The inclusion of a special sample of water into a 2D terrain outlined between these two parameters can be used to create a "bioelectronic analysis of a terrain" (BETA) (see chart). In the middle of the terrain, the reference triangle is highlighted, consisting of three values of body fluids: urine, saliva and blood. According to VINCENT, biologically optimum pH value is in the middle of this triangle. It is therefore slightly acidic. Today's experts recommend slightly alkaline pH value, which acts against acidification of the body, a common problem in the civilized world. An ideal value of rH2 can be set on the basis of the reference triangle as the value of 22. The highest biologically acceptable value is 28, according to VINCENT.

As shown in the diagram, representatively selected samples of mineral and drinking water have mostly the rH2 value around 26 and the pH value from 7 to 8. Exceptions prove the rule. The tap water we used in our laboratory has a relatively favourable rH2 value of 24, and in combination with the pH value of 6.8, it lies almost exactly at the top of the reference triangle.

While using the Atlantik Somavedic appliance, the recorded pH value is closer to the alkaline value (approximately 7.4). The pH value remains inside the reference triangle and the sample is in the acceptable range also with regard to the reduction/oxidation behaviour.

According to the prevailing opinion of today's experts, mild alkalization of the sample with the tested Somavedic appliance is a benefit and represents an improvement in comparison with the unchanged reference sample. The position of the test sample in the bioelectronic field can be perceived as appropriate, more appropriate than the average drinking water the Central Europeans drink today.

VINCENT sees a slight decrease in electrical conductivity as an additional improvement. – The rH2 value is slightly growing by < 1 unit, but the effective redox potential has decreased taking into account the pH value, which is also biologically favourable.

Structural changes in the water as a result of exposure to the device, found during the physico-chemical analysis, confirm the effect of electromagnetic signals previously proven by spectroscopy. Both types of analysis showed an increase in biological value of water.

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### The effect of Somavedic Atlantik on water

The IIREC Institute was entrusted with the analysis of effect of Atlantic Somavedic on water. Analysis was carried out by comparing two samples of tap water, which were left in glass bottles for a period of 24 hours. One of the trial bottles (the test sample) stood on Somavedic Atlantik, which was activated by plugging into the power supply, the second bottle was kept out of the influence of the appliance (the reference sample). Both samples were analysed by spectroscopic method; laboratory analysis was used to determine the physico-chemical characteristic values.

The spectroscopy showed that Somavedic Atlantik creates or stabilizes resonance signals in the water, which are in accordance with important biological functions or systems of human body control (e.g. the meridians). The water structure "the spiral of the Caduceus" was proved, too. Especially noticeable is the high number of resonances, which are described as effective against pathogenic germs. The fact that the spectra of Somavedic Atlantik and Somavedic Medic devices agree, proves that the impact of Somavedic technology on the signals is stable and biologically beneficial.

According to VINCENT, the assessment of the laboratory parameters (electrical conductivity, pH value, redox potential, or the rH<sub>2</sub> value) shows that from today's perspective, the effect of Somavedic Atlantik has resulted in a slight alkalisation with reduction/oxidation parameters that are also favourable when compared to normal water.

Based on these results it can be concluded that Somavedic Atlantik can cause measurable changes in the water without chemical additives. Based on the latest research of water (FUCHS - water bridge, POLLACK - exclusion zones in the water, DEL GIUDICE, SMITH), it is understandable and explains biological effects.

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Annexes:

1. Coherence spectra in comparison with the reference sample (tap water)
2. Coherence spectra in comparison with Somavedic Medic .....