

Tank
RODI Results

Net size
19 liter

Reason for analysis

Barcode
(ID: 290223)

Created
08/09/2024

Arrived in the laboratory
08/09/2024

Evaluated
08/09/2024

Quality assessment:
The quality of your aquarium water is assessed using the score in the circle. The closer it is to 100, the better the quality. You can also use the bar chart to identify the areas in which problems may occur.

Major elements	100 / 100
Minor elements	100 / 100
Pollutants	100 / 100
Base elements	0 / 100

Results of Osmosis water



Minor elements

Li Lithium	---	NORMAL Near nature
Si Silicon	---	NORMAL Near nature
Ba Barium	---	NORMAL Near nature
Mo Molybdenum	---	NORMAL Near nature
Ni Nickel	---	NORMAL Near nature
Mn Manganese	---	NORMAL Near nature
As Arsenic	---	NORMAL Near nature
Be Beryllium	---	NORMAL Near nature
Cr Chrome	---	NORMAL Near nature
Co Cobalt	---	NORMAL Near nature
Fe Iron	---	NORMAL Near nature
Cu Copper	---	NORMAL Near nature
Se Selenium	---	NORMAL Near nature
Ag Silver	---	NORMAL Near nature
V Vanadium	---	NORMAL Near nature
Zn Zinc	---	NORMAL Near nature
Sn Tin	---	NORMAL Near nature

Nutrients

P Phosphorus	---	NORMAL Near nature
PO4 Phosphate	---	NORMAL Near nature

Pollutants

Al. Aluminium	---	NORMAL Near nature
Sb Antimony	---	NORMAL Near nature
Bi Bismuth	---	NORMAL Near nature
Pb Lead	---	NORMAL Near nature
Cd Cadmium	---	NORMAL Near nature
La. Lanthanum	---	NORMAL Near nature
Tl Thallium	---	NORMAL Near nature
Ti Titanium	---	NORMAL Near nature
W Tungsten	---	NORMAL Near nature
Hg Mercury	---	NORMAL Near nature

Recommendations

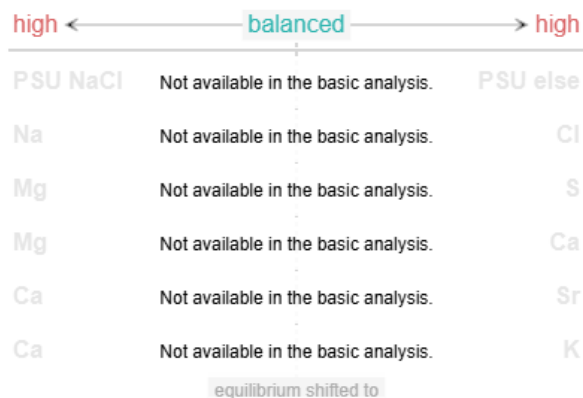
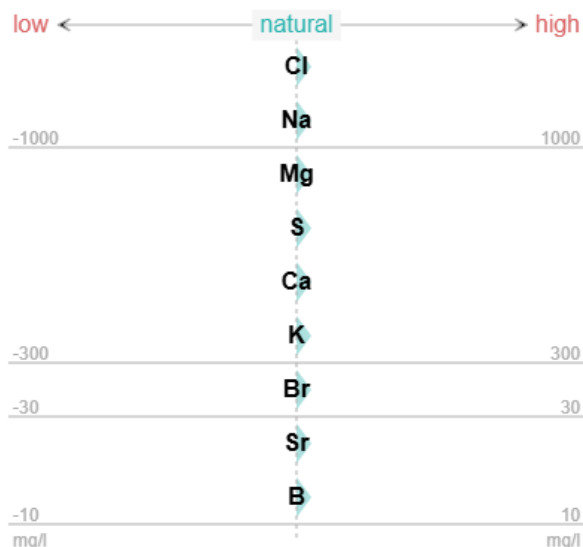
The following recommendations were calculated for the aquarium **RODI Results** with **19 liters** content.

Recommended actions

Recommended supplement dosage

* Only one portion should be dosed per day.

Diagrams



Composition of the aquarium water

The diagram shows whether the concentrations of the major elements in your water sample match the measured salinity or whether individual elements are increased or reduced. Note the different concentration ranges on the x-axis.

Background: Natural seawater consists of the same elements in fixed proportions. Only the concentrations of the elements increase or decrease in proportion to salinity. That is why the ideal values also change with salinity.

Green arrow

Value is relatively natural.

Yellow arrow

Value is becoming increasingly unnatural.

Red arrow

Value unnatural.

Element ratios

This chart shows whether the element supply is appropriate or whether the ratios of certain element pairs are skewed due to an imbalanced supply. The arrow points in the direction of the element with increased concentration. Only the relationship between the elements is evaluated. The evaluation of the individual measured values may vary.

Background: The reef inhabitants remove various elements from the aquarium water. To compensate for this consumption and obtain water that is true to nature, water changes are carried out and water additives are used. This does not always work as needed.

Green Arrow

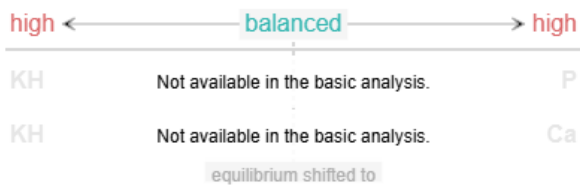
Relationship close to nature.

Yellow arrow

Ratio slightly shifted.

Red arrow

Ratio shifted drastically.



Growth Factors

This diagram shows whether important growth factors are in balance or out of proportion. The arrow points in the direction of the factor with increased concentration. Only the relationship between the factors is evaluated. The evaluation of the individual measured values may vary.

Background: The most important growth factors include carbonate hardness, calcium concentration and phosphorus content. When these values are slightly increased, growth is usually encouraged, while greatly increased or reduced values slow growth. If there is an imbalance between these factors, it can adversely affect coral growth and, in the worst case, lead to tissue necrosis.

Green arrow

Balance between factors OK.

Yellow arrow

Factors increasingly disproportionate to one another.

Red arrow

Factors in disproportion to one another.