

## AQUA TEST NO3 NITRATE TEST KIT 12/CS

Model: 731447

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Manufacturer: ELOS

Elos No3 - Test Kit

The biological filtration is a method that uses naturally occurring nitrifying bacteria to detoxify nitrogenous wastes. One type of bacteria (*Nitrosomonas* spp.) converts ammonia to nitrite while another naturally occurring bacteria (*Nitrobacter* spp.) converts the nitrite into a far less harmful form of nitrogen waste: nitrate.

Nitrate is the final stage of the nitrification process. Many invertebrates, unlike fish, are not tolerable to high nitrate concentrations. As a result, it is extremely important to make sure that nitrate levels do not reach high levels.

In freshwater aquaria the optimal level of Nitrate should be below 20 mg/L. Values of over 75 mg/L should be avoided at all costs.

In reef marine aquarium their level should not exceed 20 mg/L. A level of 10 mg/L is the maximum for reef aquariums.

For these reasons, the periodical analytical valuation of nitrate in the aquarium water should be considered, specially during the aquarium set-up and, periodically, to avoid a too high level inside the water of our aquaria. Our kit allows the determination of the Nitrate level within a range of 5 – 75 mg/L.

**Price: \$23.79**