Aquvitro Calcification 350ml



Availability: 2

Price: R283.00

Short Description
A concentrated (140,000 mg/L) optimized blend of ionic & bioavailable gluconate-complexed calcium prevents calcium precipitation/alkalinity depletion maintains peak coral growth.

Description
Concentrated (140,000 mg/L) optimized blend of ionic and bioavailable gluconate-complexed calcium designed to restore and maintain calcium to levels found in natural seawater, without affecting pH. These two forms of calcium are combined in Aquavitro Calcification to provide the hobbyist with a convenient way to ensure peak coral growth and health.

Ionic calcium is readily available, while the gluconate-complexed calcium confers several benefits. The uncharged calcium in Aquavitro Calcification is readily absorbed with less physiological work than is required for the absorption of ionic calcium. Using Aquavitro Calcification, it is not necessary to maintain the excessively high concentrations of calcium (about 450 mg/L or more) often recommended by others. In fact, excellent growth of corals and coraline algae is achieved with total calcium concentrations as low as 380 mg/L. Used up to four times recommended maintenance dose, the gluconate polymer will not accumulate or encourage the growth of undesirable algae. The polymer itself is beneficial as a food source not only to the corals and other invertebrates, but also to denitrifying bacteria, actually promoting the natural anaerobic denitrification process

in live rock and other substrate. Furthermore, the use of this gluconate polymer allows calcium, strontium, and magnesium to be utilized more readily than they would otherwise and also helps to stabilize them in solution without depleting alkalinity.

Some prefer not to use complexed calcium because of concern about adding organics to the aquarium. This is not a valid concern. The amount of organics added with complexed calcium is insignificantly small when compared to the organics released by most reef creatures, even in a no feed, no nutrients approach. Since complexed calcium products employ lactate or gluconate, the naive misconception that these products contain sugars has arisen. While these components are related to sugars, they are oxidized aldehydes and do not react or behave as sugars. Polygluconate contains no nitrogen or phosphorous, thus it is biologically impossible for it to lead to algae growth in a properly maintained reef system.

Unlike competing products that require multi-day interval dosing when combined with carbonate supplements, Aquavitro Calcification can be dosed daily and within minutes of our Aquavitro Eight.Four as well as the entire aquavitro reef line.