# Seachem Reef Calcium 250ml




**Availability:** 2

## Price: R243.00

**Short Description**
Liquid organic calcium source Maintains calcium and accelerates coral growth Concentrated (50,000 mg/L).

**Description**
Seachem Reef Calcium is a concentrated (50,000 mg/L) bioavailable polygluconate complexed calcium intended to maintain calcium in the reef aquarium without altering pH.

Polygluconate complexation confers several benefits: it increases the bioavailability of the calcium, it provides a rich source of metabolic energy to help maintain peak coral growth, and it prevents calcium precipitation/alkalinity depletion. Polygluconate contains no nitrogen or phosphorous, thus it is biologically impossible for it to lead to algae growth in a properly maintained reef system.

Seachem Reef Calcium utilizes a chained organic calcium rather than an ionic calcium. When a coral absorbs a molecule into its tissue, it uses the same amount of energy regardless of molecular size. However, charged molecules require more energy. When an uncharged molecule of Seachem Reef Calcium is absorbed, the coral acquires multiple calcium atoms as well as an easily metabolized carbohydrate with less energy expended than it uses for ionic calcium uptake. Therefore, at lower calcium levels, corals can still take in as much calcium through our organic chains as they would at much higher levels

of ionic calcium.

Seachem Reef Calcium may be used alone to maintain calcium but will provide enhanced levels of coral growth when used in conjunction with an ionic calcium supplement (Seachem Reef Complete, Seachem Reef Advantage Calcium). Seachem Reef Calcium is intended to maintain calcium levels; if calcium becomes seriously depleted one should either perform a water change or use an ionic calcium supplement to restore the depleted level of calcium.