



Figure 1: Brazilian map is stressing the state of Rio de Janeiro (gray). The map of Rio de Janeiro state is amplified and shows Guanabara and Sepetiba Bays.

Table 1: Biological data and BEQ [dioxins (pg BEQ / g fat)] muscular concentrations (Mean \pm SD; Min - Max) of whitemouth croakers (*Micropogonias furnieri*) from Rio de Janeiro state, Brazil.

Sampling	Length (mm)	% fat	BEQ conc. (pg BEQ / g fat)
Sepetiba (n = 6)	470 ± 16 450 - 490	2.3 ± 0.7 1.2 - 3.1	5.6 ± 2 2.5 - 8.3
Guanabara Bay			
(group I; n = 5)	486 ± 21 460 - 510	3.1 ± 1 2.2 - 4.7	3 ± 2.1 0.9 - 6.4
(group II; n = 9)	612 ± 71 520 - 750	4 ± 2.1 1.3 - 8	2.1 ± 1.1 0.3 - 4.3
(Total n = 14)	567 ± 85 460 - 750	3.7 ± 1.8 1.3 - 8	2.4 ± 1.5 0.3 - 6.4
TOTAL (n = 20)	540 ± 83 450 - 750	3.3 ± 1.7 1.2 - 8	3.4 ± 2.2 0.3 - 8.3