



Fig. S1. Relationship between conductivity readings (G , μS) and known NaCl (c_i , mmol l^{-1}) concentrations show a predictable linear relationship ($c_i = 0.015 \times G - 0.064$, $r^2 = 0.99$).

The RO only solution and solutions where the animal was in the intermoult phase did not have any detectable sodium or potassium.