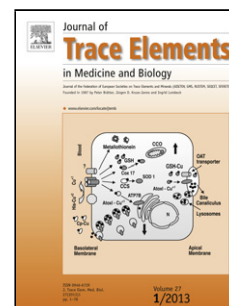


Journal Pre-proof

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In vitro digestion method to evaluate solubility of dietary zinc, selenium and manganese in salmonids diets

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Highlights

- The *in vitro* digestion method can be used to evaluate solubility of zinc, selenium and manganese in diets for Atlantic salmon;
- The solubility of zinc, selenium and manganese is affected by the pH of the gastrointestinal environment and the mineral chemical form;
- The effect of the chemical form of the minerals was similar for the solubility of zinc, selenium and manganese and the apparent availability of zinc, selenium and manganese.

Abstract

BACKGROUND

The determination of dietary mineral solubility is one of the main steps in the evaluation of their availability for a given species.

METHODS

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