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The invention relates to biotechnology and animal physiology, in particular to a food additive containing selenium and other bioactive substances as a regulator of thyroid hormone level for hypothyroidism in rats.

The food additive, according to the invention, comprises an aqueous 20 mg/ml suspension of lyophilized biomass of spirulina enriched in selenium, at the same time the lyophilized biomass of spirulina comprises: proteins 59.16%, carbohydrates 18.58%, fats 15.02% and selenium 49.05 mg%, recalculated to absolutely dry biomass and is obtained during cultivation of spirulina strain on a modified Zarrouk nutrient medium, with the addition to the medium, in the first 3 days of cultivation, of sodium selenite.

Claims: 2