

METHOD FOR PRODUCING 3,5-DIHYDROXY-4-METHOXYBENZYL ALCOHOL FROM PLANKTONS

ABSTRACT

[Problem] It is an object of the present invention to provide a method for collecting seawater that contains plankton and producing DHMBA, which is an antioxidant, from the plankton contained in the seawater.

[Solution] The method of the present invention includes: filtering collected seawater containing the plankton using a filter; taking out a cell content from the plankton remaining on the filter; subsequently heating/pressurizing the cell content taken out; and producing 3,5-dihydroxy-4-methoxybenzyl alcohol from the heated/pressurized product. The plankton is a diatom.

[Selected Drawing] Fig. 1