

ABSTRACT

**METHOD FOR GENERATING 3,5-DIHYDROXY-4-METHOXYBENZYL
ALCOHOL FROM PLANKTON**

The purpose of the present invention is to provide a method for collecting seawater that contains plankton and generating DHMBA (dba), which is an antioxidant, from the plankton contained in the seawater. [Solution] The present invention is characterized in that: collected seawater containing plankton is filtered using a filter, the cell contents are removed from the plankton remaining on the filter, the removed cell contents are subsequently heated, and 3,5-dihydroxy-4-methoxybenzyl alcohol is produced from the heated product; and the plankton are assumed to be diatoms.

[Figure 1]