ABSTRACT

The present invention relates to a processd for producing a useful substance using microorganisms, and an object thereof is to provide a method that shortens the culturing period of the microorganisms and improves the productivity of the useful substance.

The speed at which microorganisms consume carbohydrates and/or hydrocarbon oxidation products can be increased and the productivity of a target useful substance can be improved by using a main culture initial medium in which the total concentration of carbohydrate and hydrocarbon oxidation product is less than 0.4% by weight in terms of the carbon equivalent.