

PLANT-DERIVED SERUM REPLACEMENT FOR CELLULAR AGRICULTURE

Abstract

5 A plant-derived serum (PDS) replacement for substituting animal-derived serum in cell culture media, a cell culture medium comprising such PDS replacement and use thereof in cell cultivation including manufacture of cultured meat (CM) are provided. The PDS replacement comprises one or more aqueous extract of a legume pulse or pulp thereof. Preferably, the PDS replacement is obtained from aqueous extraction of Okara and comprises albumin and transferrin. Such Okara-derived serum replacement is particularly useful in cultivating fish cells especially from the
10 grouper species.

(No suitable figure)