

Method For Preparing Enzymatic Modified Peanut Protein

Abstract

A method for preparing enzymatic modified peanut protein includes the following steps: slightly denatured and defatted peanut protein powder was added to distilled water and converted to a suspension by microwave-assisted dispersion; the suspension was adjusted pH value and extracted with alkali in a microwave catalytic synthesis / extraction apparatus; the supernatant obtained after centrifuging was ultra-filtrated, then the concentrated solution was added to protease after adjusting pH value and hydrolyzed in a microwave catalytic synthesis / extraction apparatus; killing enzyme, ultra-filtration separation concentration, finally, the enzymatic modified peanut protein was prepared from the concentrated solution freeze-drying.

Instruction