

FUNCTIONAL MATERIAL DERIVED FROM NATURAL SUBSTANCES AND USE THEREOF

ABSTRACT

[Problem] The purpose of the present invention is to place emphasis on so-called upcycling in the selection of materials derived from natural substances and to provide a material that has an antiglycation suppressing action (hereinafter referred to as "AGEs production suppressing action") that focuses on glycation reactions of proteins within the body and can be used in agents for topical use such as cosmetics for which skin affinity is a concern and in food and beverage ingredients for which nutrition is a concern. [Solution] The present invention can solve this problem by making it possible to obtain an active constituent that has desirable functionality and is rich in vitamin D2 and amino acids by irradiating white *Auricularia polytricha* produced by mutation of *Auricularia polytricha* (Mont.) Sacc. with ultraviolet B waves and processing the result under prescribed conditions.

[FIG. 1]