A METHOD OF AUTHENTICATING EDIBLE BIRD'S NEST

Abstract

The present invention relates to a method of authenticating edible bird's nest. More particularly, the invention relates to a method of authenticating edible bird's nest using hyperspectral imaging. The method comprises obtaining from a hyperspectral imaging spectrometer a reflectance spectrum of an edible bird's nest sample, performing an image recognition analysis of the reflectance spectrum measured at wavelengths between 470 nm and 870 nm, determining whether the reflectance spectrum of the edible bird's nest sample is one of the reflectance spectrum selected from the group consisting of a 3-phase gradient transition, a no-phase transition and a non-definitive 3-phase gradient transition of reflectance spectrum, and identifying based on the determined reflectance spectrum, whether the edible bird's nest sample is real, fake or adulterated.

(No suitable figure)