

ABSTRACT

The present disclosure provides a method for extracting eumelanin from invertebrate biomass. The method may comprise: providing invertebrate biomass; rupturing the invertebrate biomass to form raw material; demineralising the raw material to form a first solid fraction; performing a deproteinising step on the first solid fraction to form a second solid fraction; performing a eumelanin liberating step on the second solid fraction; extracting a supernatant from the eumelanin liberating step; and precipitating and harvesting eumelanin from the supernatant.

FIG. 1