

CHOCOLATE-BASED INK THREE-DIMENSIONAL PRINTING

ABSTRACT

An edible and 3D printable ink composition is disclosed herein, which includes a chocolate-based material including a chocolate syrup, a chocolate paste, or a combination thereof, and cocoa powder present in an amount ranging from 5 to 25 w/w%, wherein the edible and 3D printable ink composition is both printable and remains in a single phase at a temperature ranging from 20°C to 30°C. A method of 3D printing the edible and 3D printable ink composition, and a system operable for printing the edible and 3D printable ink composition, are also disclosed herein.

No suitable figures to be published with abstract