

FORMULATIONS, METHODS AND USES THEREOF

Abstract

The present invention relates, in general terms, to formulations for use in anti-microbial applications and methods of formulating thereof. In particular, the present invention relates to anti-bacterial and anti-viral formulations comprising cashew testa extract, an iron particle and/or iron oxide particle, and a carbohydrate. A weight ratio of the cashew testa extract to the iron particle and/or iron oxide particle is about 100:1 to about 1:200. A weight ratio of the carbohydrate to the cashew testa extract and iron particle and/or iron oxide particle is about 8:1 to about 1:300. The cashew testa extract is at least partially incorporated in the iron particle and/or iron oxide particle.

[Figure 1]