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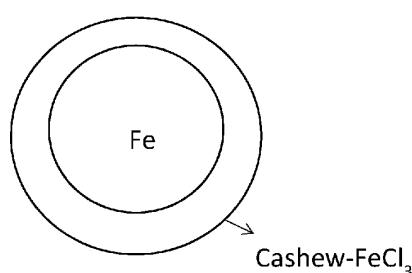


Figure 1

(57) Abstract: 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; and wherein the cashew testa extract is at least partially incorporated in the iron particle and/or iron oxide particle. A weight ratio of the cashew testa extract to the iron particle and/or iron oxide particle is 100:1 to 1:200; and a weight ratio of the carbohydrate to the cashew testa extract and iron particle and/or iron oxide particle is 8:1 to 1:300.



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