WHAT IS CLAIMED IS:

1. A beverage for use by a human subject, said beverage comprising at least one bioactive composition dispersed in a liquid for use by a human subject,

wherein said liquid is selected from the group consisting of water, shot drink, functional drink, green tea, oolong tea, black tea, white tea, flavored tea, soft drink, coffee, milk, shake, alcoholic drink, non-alcoholic drink, sports drink, fruit juice, vegetable juice, artificially sweetened juice, sparkling water, punch, cider, and nutritional supplement drink, and

said bioactive composition comprises a cell juice serum bioactive fraction derived from a *Camellia sinensis* plant,

wherein said cell juice serum bioactive fraction has antioxidant activity, and

wherein Oxygen Radical Absorbance Capacity (ORAC) value of said bioactive composition is over twenty times higher than green tea beverage.

2. The beverage according to claim 1, wherein said bioactive composition comprises a functional drink ingredient from *Camellia sinensis*.

3. A formulation comprising a solution, suspension, dispersion, paste, or dried powder comprising at least one antioxidant bioactive composition from a *Camellia sinensis* plant,

wherein said at least one antioxidant bioactive composition comprises a cell juice serum bioactive fraction derived from the *Camellia sinensis* plant,

wherein antioxidant effect of said formulation is decreased by about or less than 4% when subject to accelerated stability testing conducted at 45°C for 2 months, and

wherein the formulation is suitable to be systemically or topically administered to a human subject.

4. The formulation according to claim 3, wherein said bioactive composition comprises a plant serum fraction from *Camellia sinensis.*