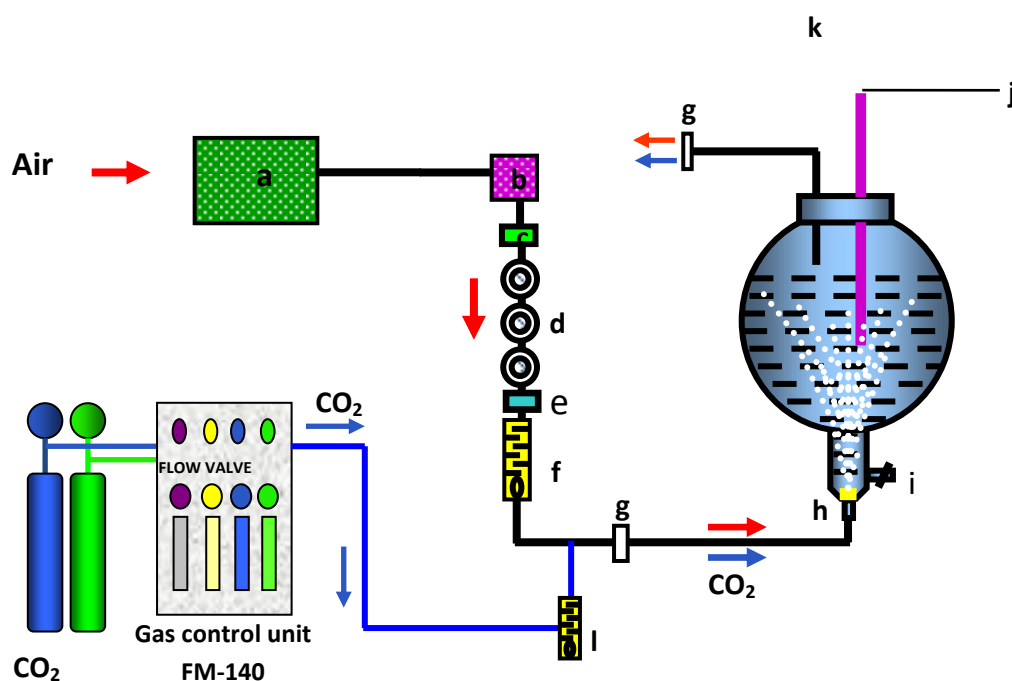


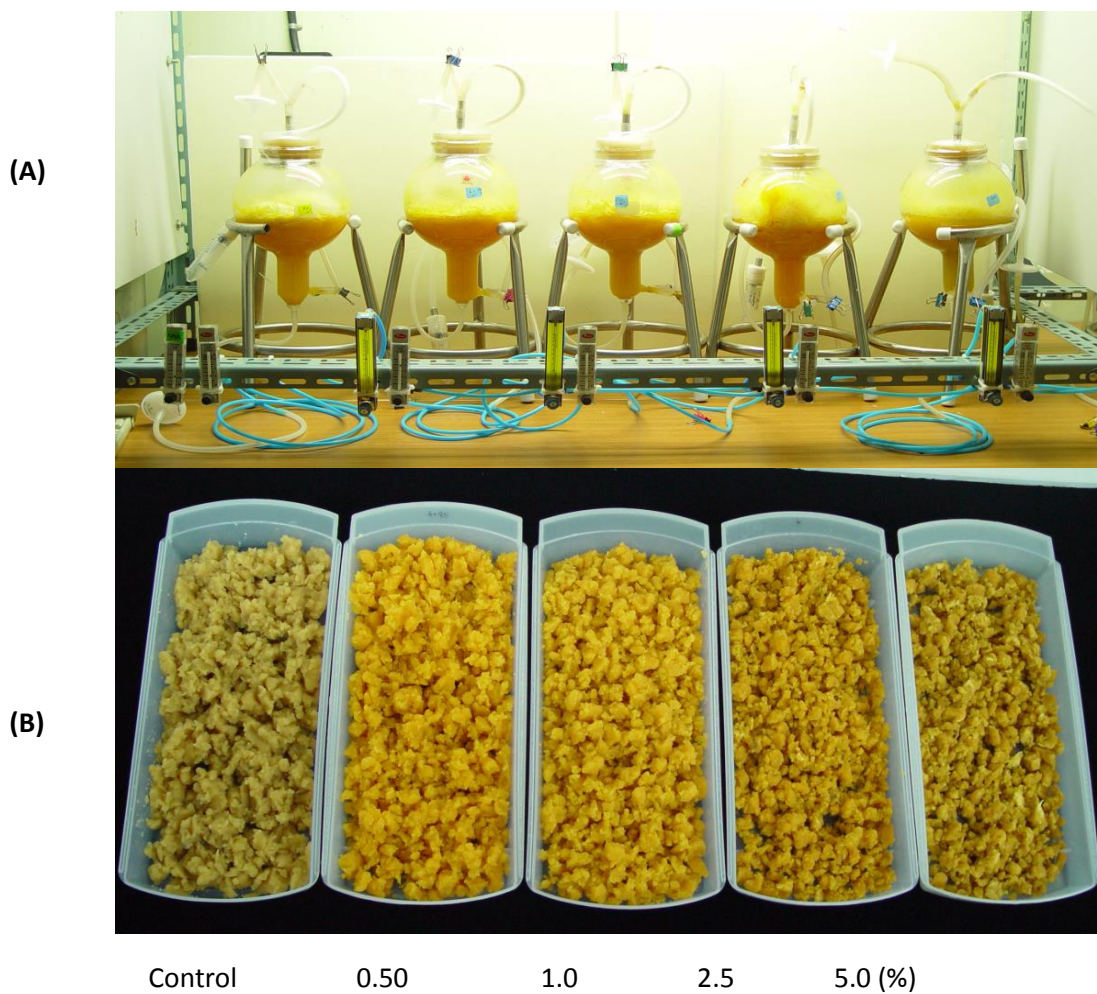
Supplementary data

CO₂-enriched microenvironment induces biosynthesis of anthraquinones, phenolics and flavonoids in bioreactor cell suspension cultures of *Morinda citrifolia* (L.): the role of antioxidants and enzymes

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Supplementary Fig. S1 Schematic diagram of the balloon type bioreactor culture system. a: air compressor, b: air reservoir, c: air after cooler, d: air filter system, e: air dryer, f: air flow meter, g: membrane filter, h: glass sparger, i: medium feeding port, j: vent, K: pre-filter, l: CO₂ air flow meter.



Supplementary Fig. S2 Effect of CO₂ concentration on cell growth in bioreactors (A) and fresh biomass (B) of *Morinda citrifolia* after 3 weeks of culture.