

# Formulation and Evaluation of Herbal Syrup using *Carica Papaya* Linn

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**Abstract:** *Carica papaya* Linn., from the family Caricaceae, is a widely known medicinal plant with therapeutic benefits derived from its leaves, seeds, latex, and fruit. This study explores the phytochemical, nutritional, and platelet-enhancing properties of papaya leaf extract, particularly in combination with *Actinidia deliciosa* (kiwifruit) and *Ocimum basilicum* (basil). The formulation demonstrates potential as an effective natural therapy for dengue-associated thrombocytopenia. The presence of bioactive constituents such as papain, flavonoids, glycosides, and antioxidants contributes to its therapeutic efficacy. The synergistic combination offers a novel, safe, and accessible intervention in platelet restoration and immune support.

**Keywords:** *Carica papaya*, platelet count, kiwifruit, basil leaves, dengue, thrombocytopenia

