

# Formulation of Herbal Tablet from the Plant of Papaya Carica for Treatment of Dengue

Asit J. Sirsat, Ms. Punam Kasar, Asmita Sirsat, Kalpesh Prajapati, Yashodhan Ponde

Department of Herbal Drug and Technology  
Samarth Institute of Pharmacy, Belhe, Pune  
asitsirsat492@gmail.com

**Abstract:** Herbal Factory Papaya Carica Uses Antimicrobial, antiinflammatory Tablets are used as expression and are prepared by using factory excerpts i.e., Carica papaya and Embelica officinalis. These tablets were prepared by using wet granulation system. In this composition the excerpt of leaves of Carica papaya and fruits of Papaya were used for making herbal tablets. Excerpts of leaves of Carica papaya was attained by cold birth and through maceration system and the excerpt of fruits of Embelica officinalis was attained by maceration process. Both excerpts were dried and mixed. These excerpts were also saturated with the excipients like diluents, binding agents, super disintegrating agent, lubricants, etc. to make grain.

**Keywords:** Carica Papaya, Maceration, Embelica officinalis, Wet Granulation.

## REFERENCES

- [1]. Kunle, Folashade O., Omoregie H. and Ahmadu, Egharevba, Ochogu P., Standardization of herbal medicines - A review, International Journal of Biodiversity and Conservation, March 2012, Vol. 4(3), 101-112
- [2]. Nwofia E. godson, Ojime L., Eji C., chemical composition in some Carica papaya (L) morphotypes, International Journal Medicinal Aromatic Plants, March 2012, Vol. 2 (1), 200-206
- [3]. Indran M., Mahmood A A, Kuppusamy U R, Protective Effect of Carica papaya L Leaf Extract against Alcohol Induced Acute Gastric Damage and Blood Oxidative Stress in Rats West Indian Medical Journal, 2008, 57 (4), 1, 323-326
- [4]. Romasi F., Karina J., Parhusip N. J. A., antibacterial activity of papaya leaf extracts against pathogenic bacteria, Makara Journal Of Technology, November 2011, Vol.15 (2), 173-177 5. Ayoola B. P. & Adeyeye A., phytochemical and nutrient evaluation of Carica papaya (pawpaw) leaves, JRRAS December 2010, Vol. 5 (3), 325-328
- [5]. Nishant N., Mohanty P. K., Luthra S., Dengue: Papaya leaf is the cure, International Journal of Life Sciences Research, October-December 2014, Vol. 2, Issue 4, 28-31
- [6]. Singhai A., Juneja V., Abbas S., Jha R.K., The effect of Carica papaya leaves extract capsules on platelets count and hematocrit levels in acute febrile illness with thrombocytopenia patient, International Journal of Medical Research & Health Sciences, 2016, Vol. 5(1), 254-257
- [7]. Peter J.K., Kumar Y., Pandey P. and Masih H., Antibacterial Activity of Seed and Leaf Extract of Carica Papaya var. Pusa dwarf Linn, IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS), Mar-Apr. 2014, Vol. 9 (2), Ver. VII, 29-37
- [8]. Kokate K. C., Purohit P.A., Gokhale B.S., Book of Pharmacognosy, Nirali Prakashan Publisher, 48th edition, January 2013, 10.5
- [9]. Mukherjee K Pulok, Nema K Neelesh, BhadraSantanu, Mukhrjee D, Braga C Fernao, Matsabisa G Motiale, Immunomodulatory leads from medicinal plants, Indian Journal of Traditional Knowledge, Vol. 13 (2), April 2014, 235-256
- [10]. The Ayurvedic Pharmacopoeia of India, Part - I, Volume – I 5. Lüllmann H., Ziegler A., Mohr K., Bieger D., Color Atlas of Pharmacology, Thieme Stuttgart New York, 2000, 2nd edition, revised and expanded, 284