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**Study on *Jangli Badam (Terminalia catappa L.)* as a potential substitute for *Badam Shireen (Prunus amygdalus)***

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Unani Medical system is becoming as flourishing medical system, in Sri Lanka among the traditional systems of medicine. Its main emphasis is on promotion of health and prevention of disease. The system includes its own special Nuskas (Formulae) in treating several diseases. Some drugs in these Nuskas are difficult to find locally because of more expensive or exogenous to Sri Lanka. Therefore searching suitable substitutes for these drugs is timely important. The goal of this study was to prove the Jangli Badam as a potential substitute for Badam Shireen, a widely used Unani drug. This study was carried out through the literary reviews of authentic books and investigation on the physico-chemical, and phyto-chemical properties of Jangli Badam and Badam Shireen. The two drugs have fulfilled all three criteria (similarity in Mizaj, similarity in action and similarity in properties) of a real substitute according to Unani theory. Fluorescence test revealed positive results in 8 solvents out of 13 which were used generally for test phyto chemicals in plant extracts. The physico-chemical properties of Badam Shireen and Jangli Badam are total ash 3.048 ( $\pm 0.02$ ) & 3.5 ( $\pm 0.01$ )%; water soluble ash 2.44 ( $\pm 0.01$ ) & 3.43 ( $\pm 0.01$ )%; acid insoluble ash 0.05 ( $\pm 0.01$ ) & 0.24 ( $\pm 0.2$ )%; extractable matter in water 3.19 ( $\pm 0.3$ ) & 2.77 ( $\pm 0.01$ )% and extractable matter in Methano 13.03 ( $\pm 0.08$ ) & 6.20 ( $\pm 0.1$ )% respectively. With the above results it can be concluded that Jangli Badam could be a potential real substitute for Badam Shireen.

**Keywords:** Badam Shireen, Jangli Badam, Substitute