

Studies on utilization of Adulasa (*Adhatoda vasica*) dried extract based carbonated RTS beverage

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Efforts have been made to prepare dried extracts (solid extract) and extract (aqueous extract) from adulasa leaf. Physico-chemical properties of prepared extracts were evaluated. On the basis of their extractable values and alkaloid content (0.30 %) adulasa dried extracts were added at 0.25, 0.35 and 0.45 per cent for preparation of adulasa dried extracts based carbonated RTS beverage. Adulasa was found to be rich in alkaloids. The acceptability of prepared beverage was organoleptically evaluated. The test score indicated that among the carbonated beverages, the beverage with 0.35 per cent adulasa dried extracts with sucralose (0.2 %) as sweeteners was accepted by panel members. TSS of the carbonated beverage was decreased with addition of sucralose further increases with increase in proportion of adulasa dried extracts. Selected carbonated beverage found to be rich alkaloid content (210mg/200ml) and was organoleptically accepted.

Key Words : Adulasa, Dried extract, Alkaloid content, Carbonated RTS beverage

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