ABSTRACT

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FORMULATION OF NON-SUCROSE CAJUPUTS SOFT CANDY ADDED WITH FRUITS FLAVOR ACCEPTED BY CHILDREN
(xiii + 50 pages: 19 tables, 6 figures, and 16 appendices)

Formulation of non-sucrose Cajuputs soft candy with combination of fruit flavors was developed to gain children’s acceptance with level range like to really like. Five different fruit flavors were used: apple, banana, honeydew, guava and mango. Two most favorable fruit flavors obtained were honeydew flavor and banana flavor. The optimum formulation for Cajuputs soft candy utilizes k% honeydew and l% banana flavor concentration with 0.87 desirability. Cajuputs soft candy has not fulfill the target since the product verification score was 4.94 (slightly dislike to neutral) and the consumer test score 4.74 (slightly dislike to neutral). Cajuputs soft candy had fulfilled the moisture content and ash content requirement stated by SNI.

Keywords: Banana, Cajuputs, Children Acceptance, Flavor mixture, Fruits Flavor, Honeydew, Non-Sucrose, Soft Candy

References: 52 (1989 - 2014)