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Physicochemical Characteristics of Yellow Passion Fruit (*Passiflora Edulis var. Flavicarpa*) Seed Oil

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Abstract: *This paper reports a programme of work that has been carried out on oil extracted from local yellow passion fruit in order to determine its physicochemical characteristics, and hence its suitability as a source of edible oil for human consumption. The yield of Crude Oil from the seeds was found to be 24.8% on a dry weight basis. The oil was about 85% unsaturated, had a yellow colour and a measured linoleic acid content of 69.0%. It was therefore considered to be a highly acceptable oil for human consumption. A comparison with Hawaiian yellow passion fruit seed oil showed some differences in both the unsaturated and saturated fatty acid contents.*

Keywords: *Physicochemical characteristics, yellow passion fruit, seed oil, human consumption*