



RESEARCH PAPER

Determination of physico-chemical characteristics of waste coconut water

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Abstract : The study was conducted to analyze the Physico-chemical characteristics of Waste Coconut Water for Anaerobic digestion. Experiments were conducted at soil testing laboratory of Regional Agriculture Research Station, Pattambi. Standard procedures of American Public Health Association were followed to determine the total solids (TS), Biochemical Oxygen Demand (BOD) and pH of waste coconut water. The waste coconut water samples were analyzed for different physico-chemical characteristics and the results were found to be a medium strength waste water with TS, BOD and pH values in the ranges of 34729-44399 mg·L⁻¹, 28725-29230 mg·L⁻¹ and 3.24-4.77, respectively.

Key Words : Determination, Physico-chemical characteristics, Waste coconut water

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