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## GREEN CHEMISTRY METRICS FOR MICROALGA (NANNOCHLOROPSIS OCULATA) OIL EXTRACTION

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### PURPOSE OF THE ABSTRACT

This investigation presents a modified procedure for microalgae oil extraction with alternative solvents and ultrasonic equipment. The method found that yield oil extraction is higher than the conventional method for this solvent mix chloroform-methanol was replaced for isopropyl alcohol-cyclohexane mix.

Green chemistry metrics were evaluated and demonstrated that working with this method results less toxic and safer.

## FIGURES

FIGURE 1

FIGURE 2

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KEYWORDS

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BIBLIOGRAPHY