

Accepted Manuscript

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PII: S0960-8524(16)30060-8
DOI: <http://dx.doi.org/10.1016/j.biortech.2016.01.084>
Reference: BITE 15995

To appear in: *Bioresource Technology*

Received Date: 30 November 2015
Revised Date: 21 January 2016
Accepted Date: 22 January 2016

Please cite this article as: Wahidin, S., Idris, A., Shaleh, S.R.M., Ionic liquid as a promising biobased green solvent in combination with microwave irradiation for direct biodiesel production, *Bioresource Technology* (2016), doi: <http://dx.doi.org/10.1016/j.biortech.2016.01.084>

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Title**Short Communication**

Ionic liquid as a promising biobased green solvent in combination with microwave irradiation for direct biodiesel production

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Abstract

The wet biomass microalgae of *Nannochloropsis* sp. was converted to biodiesel using direct transesterification (DT) by microwave technique and ionic liquid (IL) as the green solvent. Three different ionic liquids; 1-butyl-3-methylimidazolium chloride ([BMIM][Cl]), 1-ethyl-3-methylimidazolium methyl sulphate [EMIM][MeSO₄] and 1-butyl-3-methylimidazolium trifluoromethane sulfonate [BMIM][CF₃SO₃] and organic

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