

## Extraction Of Ocimum Basillicumoil By Solvents Methods

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### **ABSTRACT**

The extraction of Basil oil from Iraqi Ocimum basillicumleaves using n-hexane and petroleum ether as organic solvents were studied and compared. The concentration of oil has been determined in a variety of extraction temperatures and agitation speed. The solvent to solid ratio effect has been studied in order to evaluate the concentration of Ocimum basillicumoil. The optimum experimental conditions for the oil extraction were established as follows: n-hexane as organic solvent, 60 °C extraction temperature, 300 rpm agitation speed and 40:1 mL:g amount of solvent to solid ratio.