

Stoichiometry of cu(II) Ion extraction with di-2-ethylhexylphosphoric acid dissolved in waste palm cooking oil

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Abstrak

This study was aimed to determine the reaction stoichiometry between Cu(II) and di-2-ethylhexylphosphoric acid (D2EHPA) in Waste Palm Cooking Oil (WPCO). The stoichiometry was computed based on the following experimental methods, namely slope analysis, loading test and Job's method. Slope analysis was used to measure the variation of the distribution coefficient