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ENGL 23401: Tech. Report Writing

Quiz #3: Locating Verbs in a Series of Nominalizations

**Original:**

Using liquid-liquid extraction, molecule separation has occurrence through the dissolution of the compounds in an organic solvent and then the acidification or basification of the solution. This process results in the creation of water-soluble salt, which then causes separation from the organic layer. Any compound that failed in the formation of a water-soluble salt with the addition of the acid or base is still present in the organic layer. Depending on the properties of the molecules under separation, additional separation is possible from the organic layer. Acidic and basic compounds can achieve separate removal from the neutral compound, despite the maintenance of dissolution in the organic solvent.

**Revised:**

Using liquid-liquid extraction, molecules will separate by dissolving the compounds in an organic solvent and then the acidification or basification of the solution. This process creates a water-soluble salt, which separates from the organic layer. Any compound that doesn’t form a water-soluble salt when acids or bases are added are still in the organic layer. Depending on the properties of the molecules that are separating, they can separate further. Acidic and basic compounds can both separate from the neutral compound, despite dissolving in the organic solvent.