

CHAPTER V

CONCLUSIONS AND RECCOMENDATION

Conclusions

The following conclusions are drawn from this study

1. Alumina, nickel and copper adsorbents can adsorb mercuric chloride, diphenylmercury, arsenic oxide and phenylarsine oxide in liquid hydrocarbon.
2. Amount of mercuric chloride, diphenylmercury, arsenic oxide and phenylarsine oxide removed per surface area of adsorbent increase in the following order: copper adsorbent > nickel adsorbent > alumina adsorbent.
3. Arsenic compounds can be adsorbed on adsorbent with higher quantity than mercury compounds when it is considered by amount of arsenic and mercury removed per surface area of adsorbent.

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