Pengaruh Perbedaan Metode Aktivasi Terhadap Efektivitas Zeolit Sebagai Adsorben.

Abstrak:

Three activation methods of zeolite from four different locations in South Malang (M1, M2, M3 and M4) were done. The results showed that there is no significant differences among of three activation methods: heat, acidic and basic activation on zeolite adsorption ability on quinine HCl. Zeolite adsorption ability on methylene blue has no significant differences between heat and acidic activation methods, but both of them has significant differences with basic activation method. Adsorption ability of zeolite on methylene blue which activated with basic activation method higher than by heat and acidic activation methods.

Keyword:

Acidic activation, Activation methods, Basic activation, Heat activation, Methylene Blue, Quinine HCl, Zeolite.