

## Isotherm Study for Phenol Removal onto GAC

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**Abstract :** Adsorption data for phenol removal onto granular activated carbon were fitted to Langmuir and Freundlich isotherms. The adsorption capacity of phenol was estimated to be 16.12 mg/g at initial pH=5.7. The thermodynamics of adsorption process has also been determined in the present work.

**Keywords :** adsorption, phenol, granular activated carbon, bioinformatics, biomedicine

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