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Optimization of isotherm models for pesticide sorption on biopolymer-nanoclay composite by error analysis

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Highlights

1. A biopolymer-nanoclay composite was prepared by solution intercalation method
2. The prepared composite was utilized for its pesticide removal efficiency
3. The adsorption data was analyzed by linear and non-linear regression methods
4. The error analysis indicated better fitting of data in non-linear Langmuir model

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