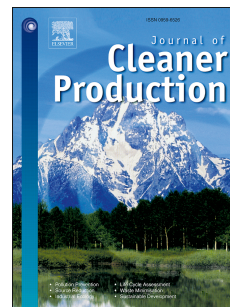


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Synthesis and characterization of a novel organic-inorganic hybrid clay adsorbent for the removal of acid red 1 and acid green 25 from aqueous solutions

Pascal S. Thue, A. Carmalin Sophia, Eder C. Lima, Alfred G.N. Wamba, Wagner S. de Alencar, Glaydson S. dos Reis, Fabiano S. Rodembusch, Silvio L.P. Dias



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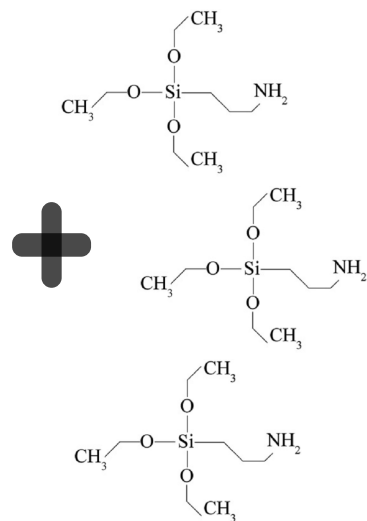
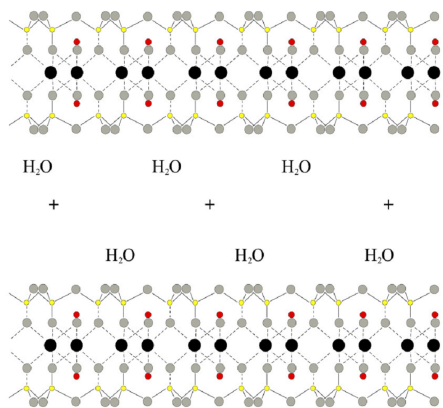
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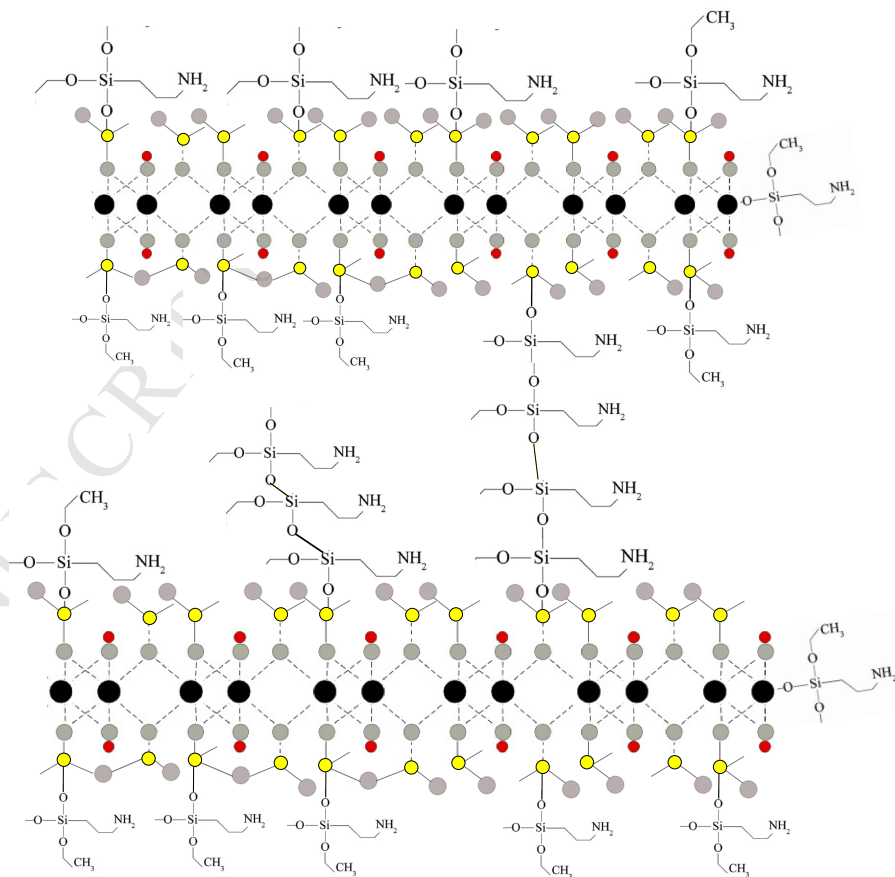
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● Aluminium ● Oxygen ● Silicon ● Hydrogen

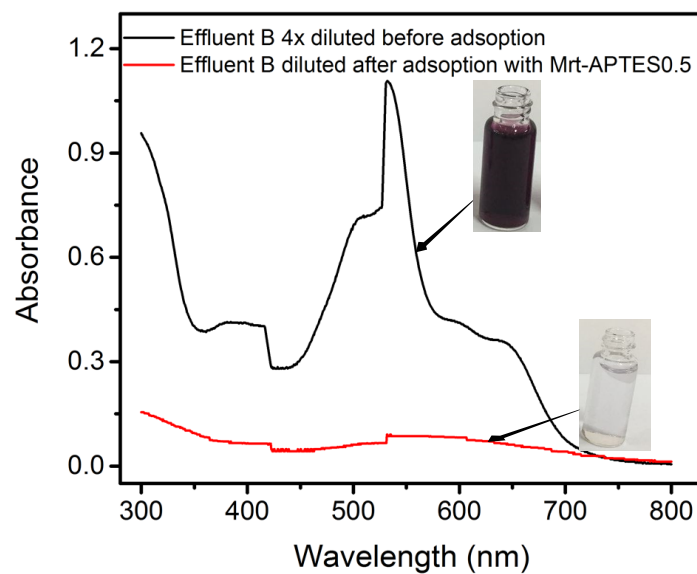


Hydrolysis

70°C, EtOH, 24h
Reflux



(hydrophilic and hydrophobic materials)



Adsorption

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