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Title: Design, production and characterisation of granular adsorbent material for arsenic removal from contaminated wastewater

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1 Highlights

- 2 • Acetone was identified as suitable binder dissolution medium
- 3 • Optimum product yield and granule strength was obtained with acetone as
4 binder carrier.
- 5 • Highest granule stability was obtained when impeller speed and binder
6 concentration were at their highest values.
- 7 • High removal efficiencies for arsenic at a loading of 1000ppb were obtained.
- 8

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