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GRANULE DIAMETER FROM BIOLOGICAL SLUDGE

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## DETERMINING THE DISTRIBUTION OF GRANULE DIAMETER FROM BIOLOGICAL SLUDGE

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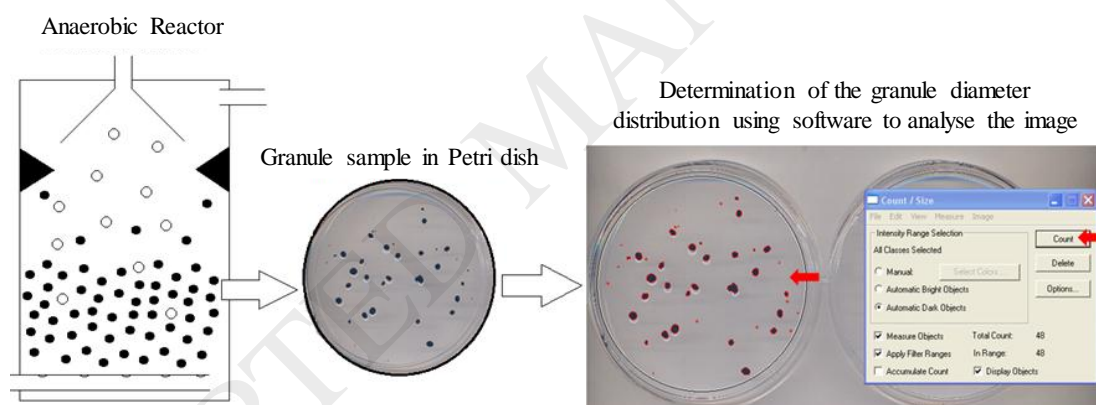
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### GRAPHIC ABSTRACT



### BULLETED POINTS

- Simple and fast method for measurement of biological granule size distribution using standard scanners and image analysis software instead of dedicated equipment, as previously published.
- Requires small samples and can provide the size of 1500 to 3000 granules approximately using a single sample.
- Process calibrated and validated using high quality ball bearing spheres.

### ABSTRACT

Anaerobic granule sizes from various types of anaerobic biological wastewater treatments were investigated in order to understand the influence of this characteristic on the performance of the treatment system. To date, there is no standardised methodology in the current literature, which provides details of a process to obtain data,

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