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Enhanced biomass and lipid production for cultivating *Chlorella pyrenoidosa* in anaerobically digested starch wastewater using various carbon sources and up-scaling culture outdoors

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Highlights

- Algal growth in ADSW was significantly improved with addition of monosaccharides.
- High lipid content and biodiesel quality in biomass were obtained.
- Both laboratory and up-scaling outdoor cultures were processed.

Abstract

The mixotrophic growth of *Chlorella pyrenoidosa* and lipid accumulation in anaerobically digested starch

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