Pei, H.Y., W.R. Hu, R.M. Mu and X.C. Li (2007)

Alga-lysing bioreactor and dominant bacteria strain

J. Enviro Sci; **19:** 546–552

P05

NH_4^+-N

P05

20ml

electro-magnetic stirrer

10^{-1}-10^{-5} 18 18

30% *Chlorella* 30% *Scenedesmus* 40% *M. aeruginosa*

190 r/ min 30°C 4

75% 5 P05

P05 LB 30 190r/min 2 5-7 x10^7cell ml^{-1}

P05

Chl-*a* Chl-*a*, NH_4^+-N COD_{Mn}

Chlorella , *Pediastrum* *Ulothrix* *Scenedesmus* *Selenastrum*

Navicula *Microcystis aeruginosa* 16S rRNA PCR

BLAST GenkBank P05

P05 *Bacillus* 7

80.38% 80.21% NH_4^+-N 52.3% 52.7%

COD_{Mn} 39.03% 39.64%.

4h 4h 4

P05