List of Tables

Table	Title	page
2.1	Oleaginous microorganisms	10
2.2	Expression of hydrolytic enzymes by oleaginous yeasts in literature	16
2.3	Isolation and identification of oleaginous yeasts	17
2.4	Utilization of Industrial wastewater for biodiesel production by the oleaginous yeast	26
2.5	Simultaneous COD removal and lipid generation by oleaginous yeasts	30
3.1	Summary of the lipid production parameters for some of the oleaginous yeast reported	41
3.2	Summary of the various cell growth and lipid production parameters obtained for C. oligophagum JRC1 on different carbon sources.	44
4.1	Comparison of lipid production by oleaginous yeasts cultivated on different cheese whey sources	54
4.2	Comparison of COD removal from different types of wastewaters using oleaginous yeasts	56
4.3	Biodiesel properties predicted for DCW and UCW from the GC data	62
5.1	Lipid accumulation	68
5.2	Comparison of lipid production by oleaginous yeasts cultivated on different undetoxified lignocellulosic acid hydrolysates	72
A1	List of the chemicals and reagents used in the complete study	79