

Supplementary Materials: Biodiesel Production from *Chlorella protothecoides* Oil by Microwave Assisted Transesterification

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Table S1. ANOVA results of statistical evaluation for the methyl ester yield.

Sources of Variations	Degree of Freedom	Sum of Squares	Mean Square	F-Value	Probability
Regression model	3	0.074067	0.024689	18.55	0.004
Error	5	0.006653	0.001331		
Corrected total	8	0.080720			

Table S2. ANOVA results of statistical evaluation for the C18:1 and C18:2 methyl ester yield.

Methyl Ester	Sources of Variations	Degree of Freedom	Sum of Squares	Mean Square	F-Value	Probability
C18:1	Regression model	3	0.00182780	0.00060927	54.56	0.001
	Error	5	0.00005583	0.00001117		
	Corrected total	8	0.00188364			
C18:2	Regression model	3	0.00032626	0.00010875	22.33	0.003
	Error	5	0.00002436	0.00000487		
	Corrected total	8	0.00035062			

$R^2 = 0.97$, $R = 0.984$, $R^2_{(adj)} = 0.953$ for C18:1; $R^2 = 0.931$, $R = 0.964$, $R^2_{(adj)} = 0.889$ for C18:2.