



**Figure 4c. (Figure 6S)** Error bar diagram shows the  $\alpha$ -glucosidase IC<sub>50</sub> ( $\mu\text{g/mL}$ ) assay with the strongest IC<sub>50</sub> value for methanol extract of *Ceiba pentandra* leaves close to control (Quercetin) followed by its aqueous extract.

**Table 4a: (Table 1S)** Tukey’s post-hoc analysis shows the pair-by-pair comparison of FRAP ( $\mu\text{g/mg AAE}$ ) activity of all three solvents.

Tukey’s Post-hoc Multiple Comparisons						
Dependent Variable: FRAP ( $\mu\text{g/mg AAE}$ )						
Tukey HSD						
(I) Solvent	(J) Solvent	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
DCM	MeOH	-26.0333*	.33084	.000	-26.9160	-25.1507
	H <sub>2</sub> O	-7.3167*	.33084	.000	-8.1993	-6.4340
MeOH	DCM	26.0333*	.33084	.000	25.1507	26.9160
	H <sub>2</sub> O	18.7167*	.33084	.000	17.8340	19.5993
H <sub>2</sub> O	DCM	7.3167*	.33084	.000	6.4340	8.1993