

**Table 4b: (Table 2S)** Tukey's post-hoc analysis shows the pair-by-pair comparison of DPPH IC<sub>50</sub> (µg/mL) activity of all treatment types.

Tukey's Post-hoc Multiple Comparisons (Dependent Variable: IC <sub>50</sub> µg/mL) Tukey HSD						
(I) Plant	(J) Plant	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
<i>Ceiba pentandra</i> Leaves	<i>Basella rubra</i> Leaves	-153.7967*	2.20739	.000	-159.5740	-148.0193
	Control (Ascorbic Acid)	274.3122*	3.12172	.000	266.1418	282.4826
<i>Basella rubra</i> leaves	<i>Ceiba pentandra</i> Leaves	153.7967*	2.20739	.000	148.0193	159.5740
	Control (Ascorbic Acid)	428.1089*	3.12172	.000	419.9385	436.2793
Control (Ascorbic Acid)	<i>Ceiba pentandra</i> Leaves	-274.3122*	3.12172	.000	-282.4826	-266.1418
	<i>Basella rubra</i> Leaves	-428.1089*	3.12172	.000	-436.2793	-419.9385
(I) Solvent	(J) Solvent	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
DCM	MeOH	374.4783*	2.70349	.000	366.6205	382.3362
	H <sub>2</sub> O	105.6600*	2.70349	.000	97.8021	113.5179
	Control (Ascorbic Acid)	511.2567*	3.31108	.000	501.6328	520.8806
MeOH	DCM	-374.4783*	2.70349	.000	-382.3362	-366.6205

	H <sub>2</sub> O	-268.8183*	2.70349	.000	-276.6762	-260.9605
	Control (Ascorbic Acid)	136.7783*	3.31108	.000	127.1544	146.4022
H <sub>2</sub> O	DCM	-105.6600*	2.70349	.000	-113.5179	-97.8021
	MeOH	268.8183*	2.70349	.000	260.9605	276.6762
	Control (Ascorbic Acid)	405.5967*	3.31108	.000	395.9728	415.2206
Control (Ascorbic Acid)	DCM	-511.2567*	3.31108	.000	-520.8806	-501.6328
	MeOH	-136.7783*	3.31108	.000	-146.4022	-127.1544
	H <sub>2</sub> O	-405.5967*	3.31108	.000	-415.2206	-395.9728

Based on observed means. The error term is Mean Square (Error) = 21.927.

\*. The mean difference is significant at the 0.05 level.