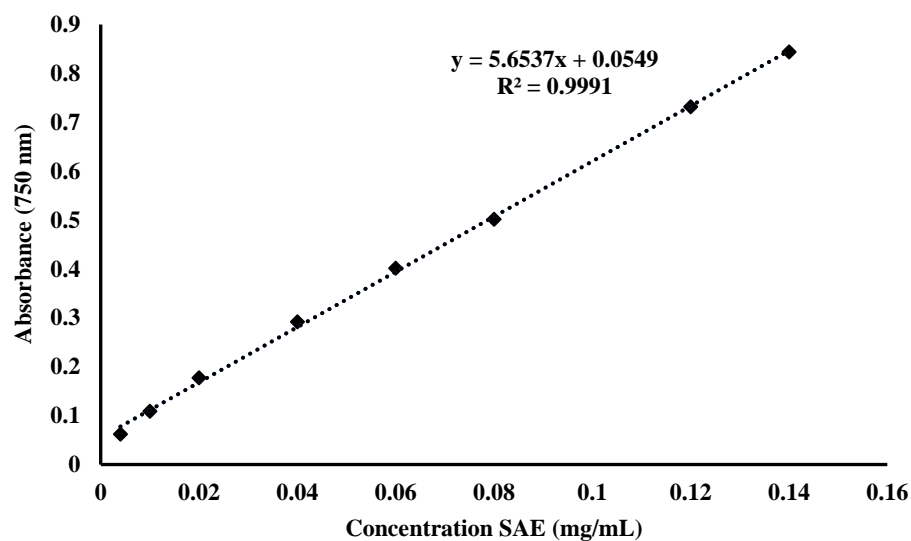
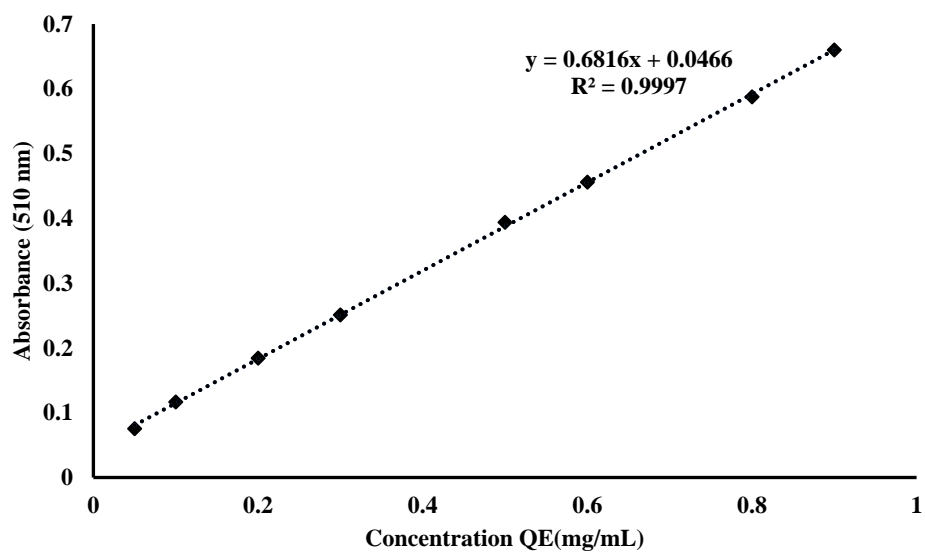


## Supplementary Data



A

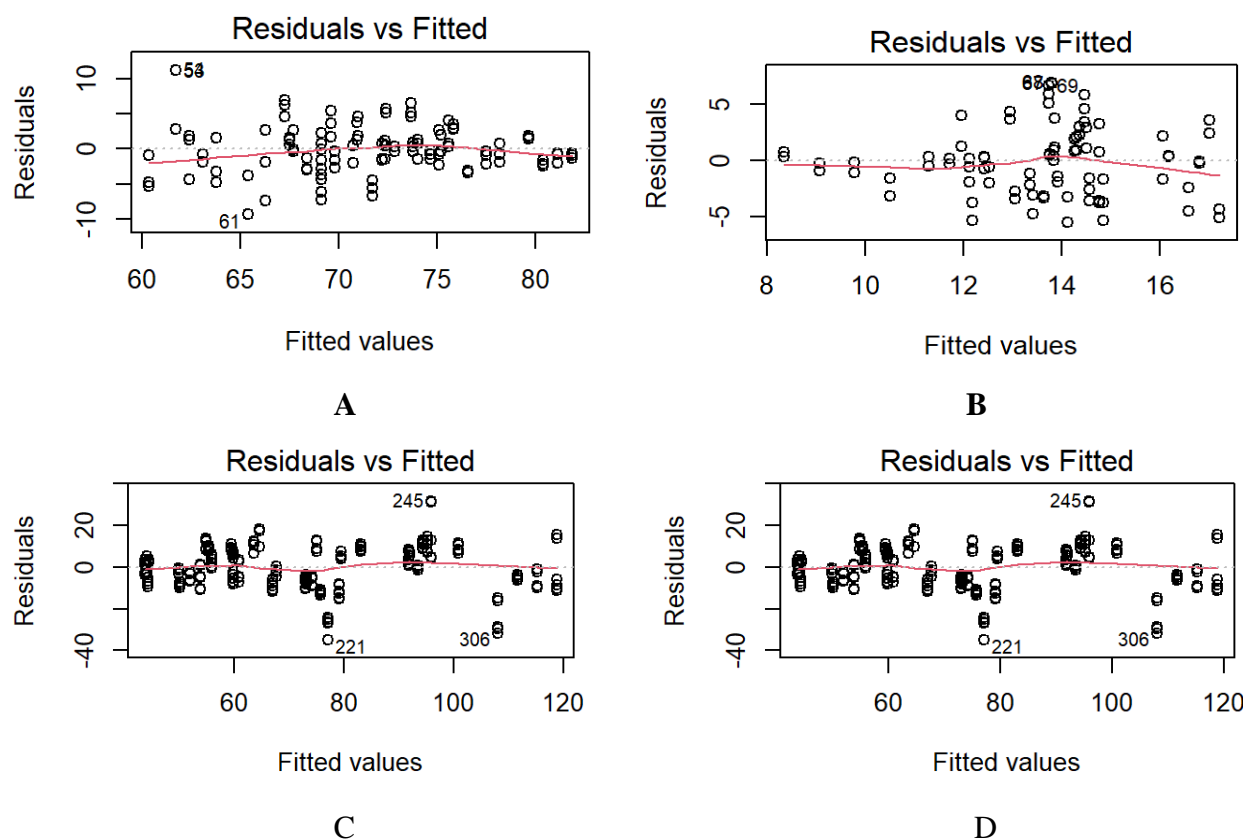


B

**Figure S1.** (A) Total Phenolic Content Standard Curve using Sinapic Acid Solution (1mM) as Standard (SAE - sinapic acid equivalents, mg - miligram, mL - mililiter, nm – nanometer,  $R^2$  - coefficient of variance); (B) Total Flavonoid Content Standard Curve

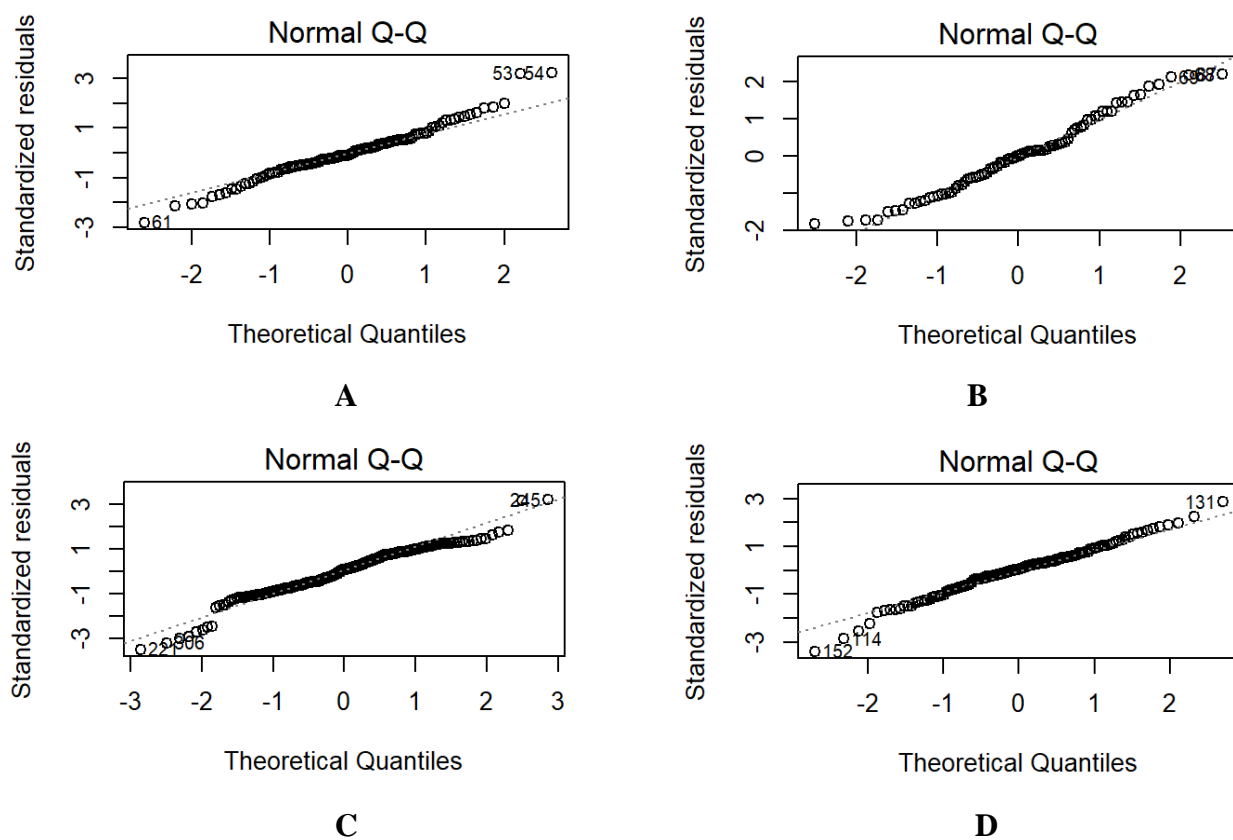
using Quercetin solution (1mM) as Standard (QE - quercetin equivalents, nm - nanometer, mg - miligram, mL - mililiter,  $R^2$  - coefficient of variance).

## Supplementary Data



**Figure S2.** Residual Plots for Antioxidant activity (Residuals Vs Fitted Plots) **A** - DPPH activity, **B** - Metal Ion Chelation activity, **C** - Total phenolic content (TPC), **D** - Total flavonoids content (TFC)

## Supplementary Data



**Figure S3.** Normal Probability Plots for Antioxidant activity A - DPPH activity, B - Metal Ion Chelation activity, C - Total phenolic content (TPC), D - Total flavonoids content (TFC)