

Determination of Total Phenolic Compounds

Time required: 3day

Total phenolic compounds were determined using the Folin_Ciocalteu method (Ragazzi and Veronese, 1973).

One ml of the extract was added to 10.0 ml distilled water and 2.0 ml of Folin_Ciocalteu phenol reagent (2.0N), and 3.0 ml of Na₂CO₃ (200 mg/ml) were mixed in the given order.

The mixture was allowed to stand at room temperature for 5 min,

Add 2.0 mL sodium carbonate to the mixture.

The resulting blue complex was then measured at 680 nm.

The contents of phenolic compounds were expressed as mg catechin equivalent/g dry weight.