**4-Method:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tube | | Catechol standard 5mg/100ml | | Sample  (ml) | | Dist. H2O (ml) | | Folin-Ciocalteu reagent (ml) | | Wait  3 min | | Na2CO3  (ml) | |
| **Blank** | **----** | | **----** | | **4** | | **0.5 ml** | |  | | **2 ml** | |
| **1** | **0.2** | | **--** | | **3.8** | |
| **2** | **0.4** | | **--** | | **3.6** | |
| **3** | **0.6** | | **--** | | **3.4** | |
| **4** | **0.8** | | **--** | | **3.2** | |
| **5** | **1** | | **--** | | **3** | |
| **6** | **1.2** | | **--** | | **2.8** | |
| **7** | **1.4** | | **--** | | **2.6** | |
|  |  | |  | |  | |
|  | |  |  | |  | |

* Mix thoroughly and measure the absorbance at **650 nm** against a reagent blank.

**5-Result:**

|  |  |  |
| --- | --- | --- |
|  | Absorbance | Concentration (mg/dl) |
| **1** |  |  |
| **2** |  |  |
| **3** |  |  |
| **4** |  |  |
| **5** |  |  |
| **6** |  |  |
| **7** |  |  |
| **Sample** |  |  |
|  |  |  |

**6-Calculations:**

…………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………….