**Method –Determination of calcium in milk sample**

* Combine 10mL of sample, 40mL distilled water, and 4mL of 8M sodium hydroxide solution into an Erlenmeyer flask and allow solution to stand for about 5 minutes with occasional swirling.
* A small of magnesium hydroxide may precipitate during this time. Do not add the indicator until you have given this precipitate a chance to form.
* Then add 6 drops of the Solochrome dark blue solution
* After that start to titrate with EDTA solution
* Repeat titration for three trials
* **Results:**

|  |  |
| --- | --- |
| * **Trail** | * **Volume of EDTA added (ml)** |
| * **1** |  |
| * **2** |  |
| * **3** |  |

* **Calculations:**

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