**Experiment 3**

Date: 19/04/20

Title: Isolation and quantification of microorganisms

Aim: To isolate and quantify microorganisms in the microbiology lab

Materials needed: Nutrient agar(NA), Petri dish, autoclave.

Procedure:

* Preparation of nutrient agar
* The agar was sterilize using the autoclave
* After sterilization and cooling the agar, the agar was poured into Petri dishes
* The Petri dish was left open for 30 minutes and then covered then taken to the incubator where it was incubated for 24 hours at 37oC
* The colonies where counted and cultural characteristics where taken

Result: Total colonies observed – 13

Observation: The cultural characteristics

Conclusion: The little number of colonies observed may be due to the time in the Petri dish was left open (17:00-17:30) and there was no human activity going on at that time.