1. SCOPE
2. Testing of water for potability and validating the effectiveness of cleaning.
3. PURPOSE
4. The purpose of this procedure is to ensure bacteriological testing is conducted based on approved frequencies and relevant sampling procedures.
5. DEFINITIONS
6. Potable- Safe to drink, drinkable
7. PROCEDURE
   1. Responsibility

Quality Manager/Quality Assistant

1. WATER
   * + 1. Water sample will be collected from a tap at the factory.
     1. Quarterly and to coincide with product testing schedule.
   1. Sample will be tested for coliform (Faecal & Total) and total aerobic plate count.
2. Chlorine levels
3. Samples sent to an approved external lab.
   * 1. EQUIPMENT
4. Cleaning and sanitizing is done as per sanitation procedure.
5. Equipment is swabbed and samples collected and stored as per testing Lab guidelines and manufacturer’s directions on the testing kit.
6. Samples are tested once per year for Aerobic plate count, coliform, yeast count and mould count.
7. Samples sent to an approved external lab.
8. If the readings are not within the levels of tolerance the cleaning program will be evaluated per frequency and/or concentration of the cleaning agents will be adjusted within manufacturer’s guidelines.
9. PRODUCTS
10. Products manufactured on the dates coinciding with the water and swab testing will be placed on hold and submitted for testing to verify that they are in conformance with the requirements for: Aerobic Plate Count, MPN/Coliform Count, MPN/Faecal Coliform Count (as per Water testing) and Aerobic plate count, Coliform, yeast count and mould count (as per Swab Testing).

RECORDS

External Lab result (located in QC lab)

1. REFERENCES

Sanitation Procedure

[..\SanitationProcedure\SanitationProcedure.docx](../SanitationProcedure/SanitationProcedure.docx)

1. DOCUMENT CONTROL INFORMATION
   1. APPROVAL AUTHORITY

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| --- | --- | --- | --- |
| Authored by; | REVISED BY | APPROVAL BY | DATE |
| Owen Glave and Food Safety Team | Food Safety Team | Food Safety Team | September 10, 2018 |