

Sample Registration No.: RDKL/MB/2324/SR00022

Parameters: Total Coliform and Fecal Coliform.

Allocation Date: 17/10/2023

No. of Samples: 01

Start Date of Sample Analysis: 17/10/2023 (Start)

Date of Result Submission: 30/10/2023

Name of the Supervisor: Sh. Awamindra Kumari, Sr. B

Presumptive Test
Total Coliform (T.C)

Media: Lauryl Tryptose Broth

Inoculation Date: 17/10/2023

Incubation Temperature: $35.5 \pm 0.5^\circ\text{C}$

Observed Temperature: 35.5°C

Sample Code: 2324/RDKL/MB/FW/L00011

Dilution	24 hrs	48 hrs	MPN/100ml
20ml Sample	1+/5	1+/5	= 1.1

Confirmatory Test: Total Coliform

Media: BGLBB

Inoculation Date: 19/10/2023

Incubation Temperature: $35.5 \pm 0.5^\circ\text{C}$

Observed Temperature: 35.4°C

Sample Code: 2324/RDKL/MB/FW/L00011

Dilution	24 hrs	48 hrs	MPN/100ml
20ml Sample	1+/1	1+/1	

Presumptive Test
Fecal Coliform (F.C)

Media: A-1 Broth

Inoculation Date: 17/10/2023

Incubation Temperature: $44.5 \pm 0.2^\circ\text{C}$

Observed Temperature: 44.5°C

Sample Code: 2324/RDKL/MB/FW/L00011

Dilution	24 hrs	48 hrs	MPN/100ml
20ml Sample	0+/5	0+/5	= < 1.1

Confirmatory Test: Fecal Coliform

∵ Since, No positive presumptive tubes were observed. Confirmatory Test was not performed.

Quality Control:

Positive Control for T.C → K. aerogenes → +ve

Negative Control for T.C → S. species → -ve

Positive Control for F.C → E. coli → +ve

Negative Control for F.C → K. aerogenes → -ve

Control for Sterilized media → -ve

Control for Dilution Water → -ve

(Method: As per APHA 23rd Edition)

A. Kumar

[Signature]