

Sample Rep. No:- RDKL/MB/2324/SR 00053

Date of Allocation:- 30/11/2023

Due Date:- 08/12/2023

Test start Date:- 30/11/2023

Test End Date:- 06/12/2023

Parameters:- TIC & FC

No. of Samples:- 04

Name of the supervisor:- Sri. A. Kumar

Presumptive Test

Total Coliform

Fecal Coliform

Media:- LTB

Date of Time of inoculation:- 30/11/2023, 6:00 PM

Inoculation Temp:- 35.5°C

44.5°C

Dilution 24 Hr 48 Hr MPN/100ml

Dilution 24 Hr 48 Hr MPN/100ml

2324/RDCL/MB/WW/L00065

10⁻⁵ 5+/5 5+/5

10⁻⁴ 5+/5 5+/5

10⁻⁶ 3+/5 3+/5

10⁻⁵ 4+/5 4+/5

10⁻⁷ 2+/5 2+/5

10⁻⁶ 1+/5 1+/5

2324/RDCL/MB/WW/L00066

10⁻⁶ 5+/5 5+/5

10⁻⁵ 5+/5 5+/5

10⁻⁷ 2+/5 2+/5

10⁻⁶ 3+/5 3+/5

10⁻⁸ 1+/5 1+/5

10⁻⁷ 0+/5 0+/5

2324/RDCL/MB/WW/L00067

10⁻⁵ 5+/5 5+/5

10⁻⁴ 5+/5 5+/5

10⁻⁶ 4+/5 4+/5

10⁻⁵ 3+/5 3+/5

10⁻⁷ 1+/5 1+/5

10⁻⁶ 1+/5 1+/5

2324/RDCL/MB/WW/L00068

10⁻³ 5+/5 5+/5

10⁻² 5+/5 5+/5

10⁻⁴ 2+/5 2+/5

10⁻³ 4+/5 4+/5

10⁻⁵ 1+/5 2+/5

10⁻⁴ 2+/5 2+/5

Confirmatory Test

TC
 Media: - B48B
 Date & Time of inoculation: - 02/11/2023 14:00
 Incubation Temp: - 35.5°C

FC
 EC broth
 44.5°C

Dilution	24 Hr	48 Hr	MPN/100ml	Dilution	24 Hr	48 Hr	MPN/100ml
2324 ROKL MB WW L00065							
10 ⁻⁵	5+/5	5+/5	140 × 10 ⁶	10 ⁻⁴	5+/5	5+/5	170 × 10 ⁵
10 ⁻⁶	3+/5	3+/5		10 ⁻⁵	4+/5	4+/5	
10 ⁻⁷	2+/5	2+/5		10 ⁻⁶	1+/5	1+/5	

2324 ROKL MB WW L00066							
10 ⁻⁶	5+/5	5+/5	70 × 10 ⁷	10 ⁻⁵	5+/5	5+/5	79 × 10 ⁶
10 ⁻⁷	2+/5	2+/5		10 ⁻⁶	3+/5	3+/5	
10 ⁻⁸	1+/5	1+/5		10 ⁻⁷	0+/5	0+/5	

2324 ROKL MB WW L00067							
10 ⁻⁵	5+/5	5+/5	170 × 10 ⁶	10 ⁻⁴	5+/5	5+/5	110 × 10 ⁵
10 ⁻⁶	4+/5	4+/5		10 ⁻⁵	3+/5	3+/5	
10 ⁻⁷	1+/5	1+/5		10 ⁻⁶	1+/5	1+/5	

2324 ROKL MB WW L00068							
10 ⁻³	5+/5	5+/5	94 × 10 ⁴	10 ⁻²	5+/5	5+/5	170 × 10 ³
10 ⁻⁴	2+/5	2+/5		10 ⁻³	4+/5	4+/5	
10 ⁻⁵	2+/5	2+/5		10 ⁻⁴	1+/5	1+/5	

Quality control checks:-

it'va control for TC it'va
 -'ve " " " -'ve

it'va control for FC it'va
 -'ve " " " -'ve

sterile media -'ve
 sterile media + Buffer -'ve

Vijay

Anequina Ram