

Sample Rep. No:- RDKL/2324/SR00056
 Date of Allocation:- 30/11/2023
 Due Date:- 1/12/2023
 Test Start Date:- 30/11/2023
 Test End Date:- 06/12/2023
 Parameters:- TC & FC
 No. of samples:- 01
 Name of the supervisor:- Sri A. Kumar

Presumptive Test

Total Coliform Fecal Coliform
 Media:- LTB A1 broth
 Date & Time of inoculation:- 30/11/2023 6:00 PM
 Incubation Temp:- 35.5°C 44.5°C

Dilution	24 Hr	48 Hr	MPN/100ml	Dilution	24 Hr	48 Hr	MPN/100ml
10 ⁻⁴	5+/5	5+/5		10 ⁻³	5+/5	5+/5	
10 ⁻⁵	4+/5	4+/5		10 ⁻⁴	3+/5	2+/5	
10 ⁻⁶	2+/5	2+/5		10 ⁻⁵	2+/5	2+/5	

Confirmatory Test

Media:- B6BB EC broth
 Date & Time of inoculation:-
 Incubation Temp:- 35.5°C 44.5°C

Dilution	24 Hr	48 Hr	MPN/100ml	Dilution	24 Hr	48 Hr	MPN/100ml
10 ⁻⁴	5+/5	5+/5	220 x 10 ⁵	10 ⁻³	5+/5	5+/5	140 x 10 ⁴
10 ⁻⁵	4+/5	4+/5		10 ⁻⁴	3+/5	3+/5	
10 ⁻⁶	2+/5	2+/5		10 ⁻⁵	2+/5	2+/5	

QC checks:-

+ve control for TC +ve +ve control for FC +ve
 -ve " " -ve -ve " " " -ve
 Sterile media -ve Sterile media + Buffer -ve

✓ Singh

Alexandra Pinner