

Pipette tips: TM3-9N2/1001
Pipette ID : T2CG/ T2BU

Filter Paper ID:	TM3-13L4
Media ID:	TM3-1211
Water ID:	PBDI71917

RUN LOG FOR
SM 9230 C
Enterococci by Membrane Filtration
CFU/100mL

LIMS Report Date: 7/21/17
(Analysts): Begun by: JM Read by: BD
LIMS Report by: m
HBN | Batch # | Released: P13019187
Incubator ID: T1AC Manifold II: T1K
Temp In: 41.0 Temp out: 41.0
Incubator Acceptance: 41.0 +/- 0.5 DegC; 24+/- 2 hrs.

30071
VA
7-24-17

Filter	Lab ID AEL Sample Number	Client Sample ID	Matrix **	Sample Volume(mL)	Dilution Factor	Time Start Filtration	Time in Incubator	Time out Incubator	Enterococci Count	Colonies per 100mls	Cl ₂ Check	Comments & Qualifiers	Bottle Lot #s
1	PRE		DI	100	1	15:00	15:04	13:04	<1	<1	U		
2	T1712250001	FDEP	WW	0.1	1000	15:00	15:04	13:04	<1	<1	U	230@ 10x	client
3				1	100	15:00	15:04	13:04	<1	<1	U		client
1				10	10	15:00	15:04	13:04	23	230	U		client
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** WW=Wastewater, GW=Ground water, SW=Surface water, DW=Drinking water
B = Blank; 100ml of Buffer H2O for QC verification of any carry-over
PRE = 100ml Blank sample filtered prior to each run
POST = 100ml Blank sample filtered after each run
MID-[no.] = 100ml Blank sample filtered after 10 usages of each filter holder
U = Undetected, when used for Cl₂; <0.2mg/L
DUP = Duplication of a sample for QC accuracy calculations
EF = Enterococci faecalis

Pre/Post Blank Criteria: <1 col/100mL
TNTC = Too numerous to count; [total colonies exceeds 200]
CG = Confluent growth; [colonies not distinct]
! : Denotes 'identical to entry above'; [i.e., ditto]
Note: If present, describe and enter non-coliform colony counts in comments column

- If a concentration yields a Count that falls within the optimum range, it will be the only result reported and no qualifier will be needed. Dilution Factor should be entered into LIMS.
- If two concentrations yield counts that fall within the optimum range, then those results are entered into the formula and the final result is qualified with an "A". The dilution factor will be "1".
- If no results fall within the optimum range, then all the results are used in the calculation (unless one or two results are over 200). The result gets a "B" qualifier and the dilution factor is "1".
- If there are zero counts on all plates, then zero will be reported with the least amount of dilution being reported. This will receive a "B" qualifier unless the dilution is a x1.
- If all results are above 200 the results are reported at the greatest dilution factor. The result is entered as the volume used with a "Z" qualifier.

When using 3 dilutions and no reading falls within optimum range of 20-80 colonies (20-60 for 9230C) then results calculated as $(an+bn+cn) / (y) = \text{cfu}/100\text{mL}$
Where: an, bn, cn are the calculated colony counts at each dilution with total dilutions of y