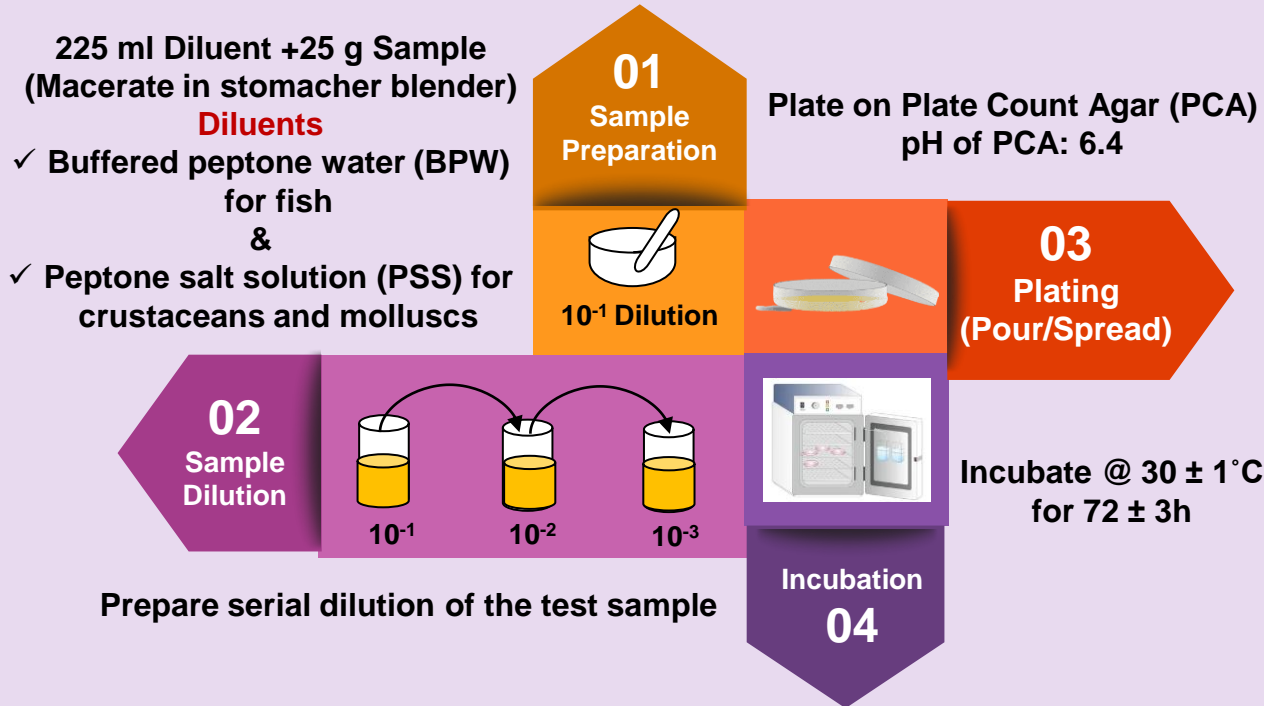




## Total Plate Count (TPC): ISO Method 4833



### Expression of results

- ✓ Take count from plate containing colonies more than 15 & fewer than 300
- ✓ Express the results in CFU/g

### Calculation

$$TPC = \frac{\sum C}{V(n_1 + 0.1n_2) \times d}$$

$\sum C$  = Sum of all colonies counted on the two dishes retained from two successive dilutions

$n_1$  = No of plates retain in first dilution

$n_2$  = No of plates retain in second dilution

$d$  = Dilution corresponding to the first dilution retained

$V$  = Volume of inoculums placed in each plate in ml.