

Facility/Laboratory Name: \_\_\_\_\_

**COMPARATIVE COUNT WORK SHEET FOR LESS THAN 3 ANALYSTS**

**DMSCC**

Date:	Analyst's Name	Number of Cells Counted

**Interpretation:**

**SPC**

Date:	Analysts Name	1:100	1:1000	Calculated Count

**Interpretation:**

- 1. Records need to be conducted monthly for each analyst, for continued approval.**
- 2. SPC raw counts need to be between 25-250 CFU/ml.**
- 3. Comparative counts must agree  $\leq 8\%$  for the same analyst and  $\leq 10\%$  between two analysts.**
- 4. Work Sheet is maintained with interpretations in order to provide accurate comparisons.**

**Formula:**  $(A-B) / A \times 100 = \% \text{ difference}$ , where A is the first count (or analyst) and B is the second count (or analyst) of the same plate.

**Example:** Analyst A counts 104 and Analyst B counts 98. Percent difference would be:  
 $(104-98) / 104 \times 100 = 6/104 \times 100 = 0.05769 \times 100 = 5.77\%$ . Plates are in compliance.