 

***Sources of Bacterial Contamination in Raw Milk***

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| **Test Result** | | **Natural Bacteria** | **Mastitis Bacteria** | **Dirty Udders** | **Dirty Equipment** | **Poor Cooling** |
| SPC\CFU > 10,000 | Doubtful | Possible | Possible | Possible | Possible |
| SPC\CFU > 100,000 | Doubtful | Possible | Doubtful | Likely | Likely |
| LPC > 300 | Doubtful | Doubtful | Possible | Likely | Doubtful |
| PI high, 3-4X SPC | Doubtful | Doubtful | Possible | Likely | Likely |
| SPC\CFU High >/=PI | Doubtful | Presumed | Doubtful | Doubtful | Doubtful |
| Coli Count > 100 | Doubtful | Possible | Possible | Possible | Doubtful |

PPLC\SPC\CFU=Petrifilm Plate Loop Count, Standard Plate Count, Colony Forming Units

LPC=Lab Pasteurized Count PI=Preliminary Incubations Coli Count=Coliform Bacteria

*Source: Standard Methods for the examination of Milk*