

**TABLE 1**

| Test results       | Natural flora of teat skin | Mastitis        | Dirty cows            | Dirty equipment       | Poor cooling          |
|--------------------|----------------------------|-----------------|-----------------------|-----------------------|-----------------------|
| SPC > 10,000       | Unlikely                   | Possible        | Possible              | Possible              | Possible              |
| SPC > 100,000      | Unlikely                   | Possible (rare) | Unlikely              | Very Likely           | Very Likely           |
| LPC > 200-300      | Unlikely                   | Unlikely        | Possible              | Very Likely           | Unlikely              |
| Higher PI than SPC | Unlikely                   | Unlikely        | Possible              | Very Likely           | Very Likely           |
| Higher SPC than PI | Unlikely                   | Possible        | Possible (not likely) | Possible (not likely) | Possible (not likely) |
| Coliform           | Unlikely                   | Possible (rare) | Possible              | Possible              | Possible (not likely) |

Source: Murphy, Stephen. (2008) Raw Milk Bacteria Tests & Sources and Causes of High Bacteria Counts – An Abbreviated Review. Cornell University.