



Bob-White Systems Laboratory
 228 Chelsea Road
 South Royalton, Vermont 05068

Test Results

Dairy Producer (Farm Name): The Farm of Milk and Honey

Address:

Email:

Phone:

Sample Collection Date: 12/4/13

Sample Analysis Date: 12/5 & 12/6

Sample ID		Sample Description		Test Requested			
				Standard Plate Count (PAC/mL)	Coliform Count (PCC/mL)	Direct Mic Somatic Cell (DMSCC/mL)	Staph aureus (cfu/mL)
# 1		Composite	<250	<1	35,000	NF	

Result Interpretation Matrix

	Excellent Quality Standard	Good Quality Standard	Poor Quality Standard	Maximum for Cheese Production
Standard Plate (PAC)	<5,000PAC/mL	<10,000PAC/mL	>10,000PAC/mL	100,000PAC/mL
Coliform	<10 PCC/mL	10-50PCC/mL	>50PCC/mL	Not Established
Staphylococcus	-	-	-	<500cfu/mL
	Target for ideal udder health	Exceeds VT State Standards for raw milk sales	May indicate mastitis	Exceeds acceptable industry limits
Somatic Cell Count	<200,000 DMSCC/mL	>225,000 DMSCC/mL	>300,000 DMSCC/mL	>750,000 DMSCC/mL

Note:

- Total Aerobic Count (Raw Count) measures the total number of bacteria that may be present when incubated for 48 hours at 32°C on 3M Petrifilm™ PAC. Results should be interpreted in concert with animal health. Elevated results may occur when improper cooling of milk occurs, poor milking practices are in place, equipment is unclean or unsanitized or in cases of mastitis.
- Total Coliform Count measures the total number of coliform bacteria that may be present when incubated at 24 hours at 32°C on 3M Petrifilm™ PCC. Results should be interpreted in concert with animal health. Elevated results may occur when poor milking practices are in place, equipment is unclean or unsanitized or in cases of mastitis. Coliform bacteria are normally present in animal feces.