

Microbial Research, Inc.
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 Fort Collins, CO 80525



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Enumeration of Selected Bacteria from Milk

Dairy Name: Swing Shift Farm
 Phone: 970-250-0861, 970-596-5419
 Email: frostgoatfarm@yahoo.com

Sample Receipt	
Date:	10/10/2012
Time:	1300
Condition:	cold

MRI Acc #	Description	Indicated organism present (+/-)		Coliforms (CFU/mL)
		<i>Salmonella</i>	<i>E. coli</i> O157	
116	none provided	-	-	4600

>10,000 presumptive
Pseudomonas species

Standard Plate Count						
MRI Acc #	Sector	# colonies			# CFU/mL	✓ if ESPC ¹
		Sector 1	Sector 2	Total		
116	4a	103	117	220	>400,000	

¹Estimated Standard Plate Count =for Internal Use Only

Standard Plate Count performed using the WASP2 Spiral Plater set to dispense 50µL onto SMA and incubated at 32±2°C for 20-24 hours.

Salmonella detection procedure included enrichment of 1 mL of sample in 9 mL of TET and incubation at 41±2°C for 16-24 hours. Incubated enrichment broth was streaked to appropriate agar which was incubated for 16-24 hours at 36±2°C.

E. coli O157 procedure was performed by testing 1 mL of sample using immunomagnetic bead separation (IMS). 100 µL from the IMS procedure was then plated onto MAC and incubated at 36±2°C for 16-24 hrs

For Coliform counts, 1mL and 0.1mL of sample were plated to MAC and incubated overnight

Tests were not designed to comply with the Standard Methods for the Examination of Milk Products

Milk Culture Results

Microbial Research Incorporated
2290 East Prospect Road Suite #1
Ft Collins, CO 80525



Final

Contact Preference: E

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Dairy: Swing Shift Farm

Results for samples received from: 10/11/2012 **to** 10/11/2012

Phone: () - () - () - () - () - (970)250-0861 (970)596-5419

Fax:

1 Samples Reported By: _____ **Date:** 10/12/2012

<u>Sample No.</u>	<u>Date</u>	<u>Mycoplasma</u>	<u>Streptococci</u>	<u>Staphylococci</u>	<u>Coliforms</u>	<u>Accession</u>
116	10/11/2012		Neg Strep	Neg Staph		1405486

Interpretation of results: Pos = positive for the indicated organism. Neg = negative for the organism indicated. The number in parenthesis following a positive result is the associated culture score which is determined from the growth on the agar plate as 1=1-10 colonies, 2=11-100 colonies, 3=101-300 colonies or 4=confluent growth. The culture score is presented as the count for typical morphology of the colonies from which one was tested for confirmation as the organism indicated.