



Investigation of inhibitory substances found in milk – preliminary report form

Name and Address of Veterinary Surgeon		Name and Address of Farmer	
Milk purchaser		Membership number	
Date of Failure		Quality testing lab	
Date of investigation		Investigation method	
Milking Plant			
Type / size of parlour			
Date of last inspection / scheduled maintenance			
Computerised / Auto Id		YES / NO	
Was separate dump line used?		YES: dump bucket / line / dump cluster / NO	
Bulk tank volume on day of failure		L	
Milking routine and milking staff			
Frequency of milking?			
Who did the milking?			
Were relief milkers in the milking on day of failure?		YES / NO	
How are cows identified? (Freeze brand / ear tag / Auto Id etc)			
How are cows under withdrawal identified and what safeguard is in place to ensure this?			
Were cows under withdrawal clearly identified at the time of the failure?		YES / NO	
Is there a marker board in the parlour?		YES / NO	
Are cows under withdrawal milked last/ in separate group?		YES / NO	
Are quarter milkers used?		YES / NO	
Frequency of milk collection		DAILY/ EVERY OTHER DAY/ OTHER	
What training do milking staff receive on preventing antibiotic failures? (e.g. DairyUK/BCVA MilkSure course on minimising the risk of residues in milk)			
Are relief milkers fully briefed on the milking system and protocols for identifying cows under withdrawal?		YES / NO	
Animal treatments			
Are medicine records up to date?		YES / NO	
Are dry cows separated from the milkers?		YES / NO	
Did any new calved cows have Milk Fever?		YES / NO	

Were any cows purchased in the 10 days prior to the failure?	YES / NO
How many cows were milked on day of failure?	
Were any cows treated during the milking routine? If yes, were hands washed after handling antibiotics?	YES / NO YES / NO
Where are the withdrawal periods of medicines recorded?	
How frequently are withdrawal periods updated?	
Were any cows being treated under the cascade ('off label')? If 'yes' – what milk withdrawal period was advised by the vet?	YES / NO / DON'T KNOW Advisory withdrawal period:
Are teat sealant used at drying off?	YES / NO
Are medicines stored securely at all times?	YES / NO
Could anybody have interfered with the bulk tank?	YES / NO
Has the vet been attending any animal recently?	YES / NO
Is there a test kit available for testing antibiotic residues?	YES / NO

Additional Notes

Sampling for inhibitory substance test

1. Ensure that the sample is representative of milk from *all quarters* (ie composite of equal volumes)
 2. Always use an approved sample container that is clean and dry and does not contain any preservatives or inhibitors
 3. If collecting from a recorder jar, ensure it has not been contaminated from a previous animal
 4. Avoid contaminating the sample with inhibitory substances on collection (eg disinfectants, teat dips)
 5. Ensure the sample is correctly identified, labelled and securely sealed
 6. Ensure the sample is kept cool, preferably frozen, between collection and testing
- Refer to manufacturer's instructions for individual test protocol if appropriate

Recent individual cow tests carried out for antibiotics

Cow id.	Date	Test performed	Result	Container type used for collection of milk	Batch no and expiry date of test

Antibiotics frequently used on the farm for milking animals

Product	Reason for use

Animal treatments to milking cows in the 10 days prior to the failure

Cow id.	Treatment (product name)	Dose	Date	Date milk added to bulk tank	Office Use Only
	SYSTEMIC ANTIBIOTICS				
	INTRAMAMMARY ANTIBIOTICS				
	ANTHELMINTICS				
	OTHER				

New calved cows (including early calved/aborted) in the 10 days prior to the failure

Cow id.	Dry cow treatment date	Treatment (product name)	Dose	Calving date	Date milk added to bulk tank	Office Use Only

Product suspected of failure

Name of product					
Batch number and expiry date					
Who was the prescribing vet?					
Cow suspected of causing failure			ID		
Daily yield	L	Date calved		Date milk in tank	
Investigation done by					
Signed					
MRCVS					
Print name					
Telephone number			Email		