Drug Residue Testing – Program Requirements

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WISCONSIN DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION

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NCIMS REQUIREMENTS

Every load of raw milk that is received in this country MUST be tested for Beta-lactam* drug residues.

** Beta Lactam drugs are members of the Penicillin family of drugs.*

WHAT ABOUT OTHER TESTS?

- Sulfonamides, Tetracycline, Chloramphenicol, Aflatoxin, Flunixin…
  - Currently, you are not required by NCIMS or Wisconsin rules to test for any of these

BUT

  - If you test for a chemical that does not belong in the milk and get a positive test result, you must treat the milk as adulterated under Wisconsin law.

ACCESS TO 2400 FORMS

- Pro Boards: http://ncimslab.proboards.com/
  - The first time you will have to register.
- Forum Name: Appendix N tests.
- Subject: The name of the form you want.
- PDF file can be downloaded or printed.

FACILITY REQUIREMENTS

- Every facility that receives raw milk must be approved to do Beta lactam drug residue testing on the milk they receive

or

- The facility must have an arrangement, pre-approved by DATCP, to have its milk tested elsewhere.

FACILITY APPROVAL

To be approved to do drug residue testing, a facility must:

- Have at least one approved Industry Supervisor.
- Meet the requirements of the Beta lactam drug residue testing program.

FACILITY APPROVAL

To meet the requirements of the Beta lactam drug residue testing program, a facility using a test that employs a **reader and printer** must have one Industry Supervisor submit annually:

- Internal Audit showing that their facility meets the requirements of the Beta lactam drug residue testing program.
- Document training and testing of all analysts at the facility.

FACILITY APPROVAL

To meet the requirements of the Beta lactam drug residue testing program, a facility using a test that is **visually read** must:

- Go through an initial on-site evaluation (all analysts). If you hire a new analyst, they must also have an on-site evaluation before testing.
- Analysts must run and pass state split samples.
- One Industry Supervisor must submit annually:
  - Internal Audit showing that their facility meets the requirements of the Beta lactam drug residue testing program annually.
  - Documentation of training of all analysts at the facility.

INDUSTRY SUPERVISORS

As an Industry Supervisor, it will be your responsibility to show that your facility is meeting the requirements of the program:

- State requirements:
  - Internal Audit as well as training and testing.
- 2400 series forms:
  - Testing records (every load and controls).
  - Quality Control (follow 2400 series forms).

STATE REQUIREMENTS

Internal Audit

- Must be done annually by an Industry Supervisor using the 2400 series forms.

Training and testing

- Analysts must be trained by an Industry Supervisor on the test procedure per 2400 series forms and analysts must test unknowns annually.

Confirmation

- Facility must have a certified lab that will do their confirmation testing.

STATE REQUIREMENTS

Training of Industry Analysts

- Must train all personnel who test incoming loads of milk (screen) initially and annually.

Training includes:

- 2400 series General Requirements.
- 2400 series for test kits that you are using.
- All QC forms used at your facility.
- Positive Drug Residue Report form.
- Tanker Disposal Report.

STATE REQUIREMENTS

Annual testing of Industry Analysts

- Analysts using a reader/printer must test at least three samples (one positive, one negative, third positive or negative).
  - Must correctly identify all three samples.
  - Can be done in-house.
- Analysts using a visually read test must test DATCP-provided split samples
  - Eight samples – must correctly identify at least seven samples.

TRAINED ANALYSTS

Analysts trained in this manner can:

- Screen loads of milk.
- Do verification of initial positive tanker.
  - Duplicate testing with positive and negative controls.

They CANNOT:

- Confirm positive loads.
- Test producer samples.
- Clear a positive producer.
- Train other analysts.

INDUSTRY SUPERVISORS

Industry Supervisors that are not certified can:

- Screen loads of milk.
- Do Verification of initial positive tanker.
  - Duplicate testing with positive and negative controls.
- Train other analysts.

They CANNOT:

- Confirm positive loads.
- Test producer samples.
- Clear a positive producer.

ONLY **CERTIFIED** ANALYSTS

CAN:

- Confirm positive loads.
- Test producer samples.
- Clear a positive producer.

How do I know if I'm certified?

- Is the lab you are working at certified?
- Have you gone through an on-site evaluation?
- Do you have a license as a certified analyst?

YOU CAN BE APPROVED AS AN INDUSTRY SUPERVISOR (IS), BUT YOU WILL NOT BE CERTIFIED (or a CIS) IF YOU DO NOT MEET THESE CRITERIA

Wisconsin Appendix N Personnel Chart

	Screen Loads	Confirm Loads	Train Industry Analyst(s) (IA)	Test** Industry Analyst(s) (IA)	Attend IS Workshop	Unknown/PT Samples		Evaluation	
						In-house (3 unknowns)	State Provided	Internal Audit	LEO On-site
Industry Supervisor (IS) doing Reader Printer Test	X		Initial & Annual	Initial & Annual	Biennial			Annual	
Industry Supervisor (IS) doing Visual Read Test	X*		Initial & Annual		Biennial		Annual	Annual	Initial
Certified Industry Supervisor (CIS)	X	X	Initial & Annual	Initial & Annual	Biennial		Annual		Biennial
Industry Analyst (IA) doing Reader Printer Test	X					Initial & Annual			
Industry Analyst (IA) doing Visual Read Test	X*						Annual		Initial
Certified Industry Analyst (CIA)	X	X					Annual		Biennial

Certified Industry Analysts and **Certified** Industry Supervisors MUST work at a Certified Lab

*NOTE: Industry Supervisor (IS) or Industry (IA) doing a Visual Read Test must pass an on-site evaluation by an LEO **before** screening any loads of milk.

NOTE: Certified Industry Supervisor (CIS) or Industry Supervisors doing Reader Printer test (IS) must create at least 3 unknown samples for only **non-certified Industry Analyst(s) doing Reader Printer test (IA)

Visual Read Test
- Delvotest P mini
- Delvotest 5 Pack
- Charm BsDA

Reader Printer Test
- Charm SL, 3 SL3, BL3OSEC
- Idexx SNAP BL & Tetra
- Charm II
- Charm Tetra, Sulfa, TRIO

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