

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP: PDP-INST-02		Page 1 of 4
TITLE: Equipment Calibration		
Revision: 3	Replaces: 12/11/92	Effective: 06/01/02

1. Purpose:

To provide standard procedures for the calibration of equipment used in the USDA, AMS Pesticide Data Program (PDP).

2. Scope:

This standard operating procedure (SOP) shall be followed by all analytical laboratories conducting residue studies for PDP, including support laboratories conducting stability or other types of studies that may impact the program.

3. Outline of Procedure:

- 5.1 Calibration of PDP Equipment
- 5.2 Documentation of Calibration Procedures

4. References:

- USDA/AMS PDP Quality Assurance (QA)/Technical Meeting, April 9-11, 2002
- 40 CFR 160.63, Maintenance and calibration of equipment
- 40 CFR 160.81, Standard operating procedures

5. Specific Procedures:

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP: PDP-INST-02		Page 2 of 4
TITLE: Equipment Calibration		
Revision: 3	Replaces: 12/11/92	Effective: 06/01/02

- 5.1 Each laboratory shall develop SOP's on equipment calibration. These SOPs shall provide for a minimum of two successful calibrations per year as well as product specific calibration procedures as recommended by the vendor in order to maintain proper working order of the instrument.

 - 5.2 A bound notebook shall be provided for each instrument in order to document all calibrations performed. A notebook with numbered log sheets is also acceptable. The information that shall be detailed includes date, calibration done, and initials of the individual performing the calibration procedure.
-
-

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP: PDP-INST-02		Page 3 of 4
TITLE: Equipment Calibration		
Revision: 3	Replaces: 12/11/92	Effective: 06/01/02

Frances M. Gross

05/15/02

Reviewed By: Frances M. Gross
Presiding Member of PDP QA Committee
New York Department of Agriculture and Markets
Food Laboratory
State Office Campus, Building 7
Albany, New York 12235
(518) 457-5734

Date

Diana Haynes

05/21/02

Reviewed By: Diana Haynes
Quality Assurance Officer, PDP
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

Martha Lamont

05/21/02

Approved By: Martha Lamont
Director, Monitoring Programs Office
8609 Sudley Road, Suite 206
Manassas, VA 20110
(703) 330-2300

Date

**United States Department of Agriculture
Agricultural Marketing Service, Science & Technology
Pesticide Data Program**

SOP: PDP-INST-02		Page 4 of 4
TITLE: Equipment Calibration		
Revision: 3	Replaces: 12/11/92	Effective: 06/01/02

Revision 3

April 2002

PDP QA/Technical Meeting

- General update

