



Commonwealth of Virginia  
Department of General Services  
Division of Consolidated Laboratory Services



Laboratory Inspection Checklist - VELAP Chapter 45

Laboratory Name: \_\_\_\_\_ DCLS ID: \_\_\_\_\_

Assessor Name: \_\_\_\_\_ Inspection Date: \_\_\_\_\_

STANDARD OPERATING PROCEDURES

Y N N/A

SOP

- 923    730 B 1 Laboratories shall maintain SOPs that accurately reflect all phases of current laboratory activities such as assessing data integrity, corrective actions, handling customer complaints, and all test methods. These documents, for example, may be equipment manuals provided by the manufacturer or internally written documents. The test methods may be copies of published methods as long as changes or selected options in the methods are documented and included in the laboratory methods manual.
- 924    730 B 2 The SOPs shall be organized. Each SOP shall clearly indicate the effective date of the document, the revision number and the signature or signatures of the responsible laboratory manager or managers.
- 925    730 B 3 Copies of all SOPs shall be accessible to all personnel.
- 926    730 C 1 SOPs for laboratory methods: The laboratory shall have and maintain an SOP for each certified analyte or test method.
- 927    730 C 2 SOPs for laboratory methods: This SOP may be a copy of a published or referenced method or may be written by the laboratory. In cases where modifications to the published method have been made by the laboratory or where the referenced test method is ambiguous or provides insufficient detail, these changes or clarifications shall be clearly described.
- 928    730 C 2 SOPs for laboratory methods: Each test method shall include or reference where applicable:  
\_\_\_ Identification of the test method;  
\_\_\_ Applicable matrix or matrices;  
\_\_\_ Limits of detection or quantitation;  
\_\_\_ Scope and application, including parameters to be analyzed;  
\_\_\_ Summary of the test method;  
\_\_\_ Definitions;  
\_\_\_ Interferences;  
\_\_\_ Safety;  
\_\_\_ Equipment and supplies;  
\_\_\_ Reagents and standards;  
\_\_\_ Sample collection, preservation, shipment and storage;  
\_\_\_ Quality control;  
\_\_\_ Calibration and standardization;  
\_\_\_ Procedure;  
\_\_\_ Data analysis and calculations;  
\_\_\_ Method performance;  
\_\_\_ Pollution prevention;  
\_\_\_ Data assessment and acceptance criteria for quality control measures;  
\_\_\_ Corrective actions for out-of-control data;  
\_\_\_ Contingencies for handling out-of-control or unacceptable data;  
\_\_\_ Waste management;  
\_\_\_ References; and,  
\_\_\_ Any tables, diagrams, flowcharts and validation data.