

## Reporting – 5.10

- **5L.4.6 DATA REDUCTION AND REVIEW PROCESS**
- The review process shall be conducted by a qualified person (5.2.1, 5.9) and include:
  - comparison of quality control data against established acceptance limits,
  - computation verification,
  - transcription of data, and
  - adherence to the SOPS.

1

## Reporting – 5.10

- **5L.4.6 DATA REDUCTION AND REVIEW PROCESS**
- One person laboratory, must contract to independent qualified person or firm.
- The review process shall be documented and signed by the reviewer, and shall be retained a minimum of five years.

2

### **5L.4.6 DATA REDUCTION AND REVIEW PROCESS**

The data reduction and review process shall be conducted by a qualified person (5.2.1, 5.9) and include, but not necessarily be limited to: comparison of quality control data against established acceptance limits, computation verification, transcription of data, and adherence to the procedures established in the laboratory SOPS.

### **5L.4.6 DATA REDUCTION AND REVIEW PROCESS**

In the case of a one person laboratory, the review process shall be contracted out to an independent person or firm that is competent and has the experience and training necessary to conduct the review.

The review process shall be documented and signed by the reviewer, and shall be retained on file with a copy of the final report for a minimum of five years.

## Reporting – 5.10

- **5L.8.2.3 Documentation on Questionable Samples**
- If the sample does not meet the sample acceptance criteria, note the condition of these samples on laboratory receiving documents and the associated test result shall be appropriately "qualified" on the final report.

3

## Reporting – 5.10

- **5L.10.2.1 Reporting Results Below the Quantitation Limit**
- Laboratories shall establish a reporting limit;
- Reporting of zero concentration is not permitted.
- Measured lead levels below this positive finite value shall be reported with a qualifier "less than" (" $<$ ") this positive finite value.
- For pass-fail technologies, clear statement of measurement capability with associated uncertainty shall be reported to the customer.

4

### **5L.8.2.3 Documentation on Questionable Samples**

If the sample does not meet the sample acceptance criteria, the laboratory shall note the condition of these samples on the chain of custody or transmittal form and laboratory receiving documents and the associated test result shall be appropriately "qualified" on the final report.

### **5L.10.2.1 Reporting Results Below the Quantitation**

**Limit**Laboratories shall establish a method of limiting the lower reported values to a positive finite lead level that is appropriate for the technology being used; reporting of zero concentration is not permitted.

Measured lead levels below this positive finite value shall be reported with a qualifier "less than" (" $<$ ") this positive finite value.

For pass-fail technologies, clear statement of measurement capability with associated uncertainty shall be reported to the customer.

### **5L.10.3 REPORT REVIEW AND APPROVAL PROCESS**

- Reports shall undergo a documented data review process and shall be signed by the reviewer.
- If a qualified person who was not involved in the physical preparation or analysis of samples in question is available to review the final report, than that person shall conduct the review.

5

All final test reports shall undergo a documented data review process before release to the customer and shall be signed by the reviewer.

If a qualified person who was not involved in the physical preparation or analysis of samples in question is available to review the final report, than that person shall conduct the review.

#### **5L.10.3 REPORT REVIEW AND APPROVAL PROCESS**

Qualified persons can be technicians, analysts, the quality manager, or technical manager, or the responsible person described previously in Section 4.0.