**Precision Experiment Worksheet 14B03V2**

**Short Term (Within-run)**

|  |  |
| --- | --- |
| **Method** | Cobas c501(Serial #12345) |
| **Manufacturer** | Roche |
| **Analyte** | AST |
| **Units of Measure** | U/L |
| **Sample Name/Description:** |  |
| **Material 1** | QC Multi 1; Lot# QC123; exp 30-Aug 20XX |
| **Material 2** | QC Multi 2; ; Lot# QC223; exp 30-Aug 20XX |
| **Material 3** |  |
| **Analyst** | Lisa Johnson |
| **Date** | November 5, 2013 |

**Experiment Results Preliminary Estimate of Precision, Short Term**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Run # | Material 1 | Material 2 | Material 3 |  |  | Material 1 | Material 2 | Material 3 |
| **1** | 35 | 120 |  |  | **User** |  |  |  |
| **2** | 34 | 119 |  |  | **Mean**  |  |  |  |
| **3** | 35 | 120 |  |  | **SD** |  |  |  |
| **4** | 35 | 121 |  |  | **%CV** |  |  |  |
| **5** | 35 | 120 |  |  |  |  |  |  |
| **6** | 36 | 121 |  |  | **Manufacturer’s** | **Claims** |  |  |
| **7** | 35 | 120 |  |  | **Mean**  | 36.6 U/L | 128 U/L |  |
| **8** | 34 | 118 |  |  | **SD** | 0.3 U/L | 1.0 U/L |  |
| **9** | 36 | 120 |  |  | **%CV** | 0.8% | 0.4% |  |
| **10** | 35 | 122 |  |  |  |  |  |  |
| **11** | 35 | 119 |  |  | 25% of CLIA Allowable error is \_\_5%\_acceptable / unacceptable |
| **12** | 35 | 120 |  |  | Short term precision is \_\_\_\_\_\_\_\_\_\_\_\_\_\_.acceptable / unacceptable |
| **13** | 35 | 121 |  |  |  |  |  |  |
| **14** | 35 | 117 |  |  |  |  |  |  |
| **15** | 34 | 119 |  |  |  |  |  |  |
| **16** | 35 | 118 |  |  |  |  |  |  |
| **17** | 35 | 120 |  |  |  |  |  |  |
| **18** | 37 | 122 |  |  |  |  |  |  |
| **19** | 36 | 123 |  |  |  |  |  |  |
| **20** | 34 | 120 |  |  |  |  |  |  |