**Precision Experiment Worksheet 14B04V2**

**Long Term (Between-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** |  |

**Experiment Results**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Run #** | **Date** | **Time** | **Analyst’s**  **Initials** | **Material 1** | **Material 2** | **Material 3** |
| **1** | 6-Nov-13 | 0700 | LS | 35 | 122 |  |
| **2** | 7-Nov-13 | 0700 | LS | 34 | 119 |  |
| **3** | 8-Nov-13 | 0800 | AM | 34 | 120 |  |
| **4** | 9-Nov-13 | 1100 | LS | 37 | 121 |  |
| **5** | 10-Nov-13 | 1030 | TZ | 35 | 116 |  |
| **6** | 11-Nov-13 | 1000 | TZ | 36 | 121 |  |
| **7** | 12-Nov-13 | 1700 | TZ | 33 | 120 |  |
| **8** | 13-Nov-13 | 1400 | AM | 33 | 118 |  |
| **9** | 14-Nov-13 | 0800 | AM | 36 | 118 |  |
| **10** | 15-Nov-13 | 1500 | TZ | 35 | 122 |  |
| **11** | 16-Nov-13 | 1300 | LS | 35 | 119 |  |
| **12** | 17-Nov-13 | 0700 | LS | 34 | 120 |  |
| **13** | 18-Nov-13 | 0730 | TZ | 37 | 121 |  |
| **14** | 19-Nov-13 | 1000 | TZ | 35 | 117 |  |
| **15** | 20-Nov-13 | 0900 | LS | 35 | 119 |  |
| **16** | 21-Nov-13 | 1600 | AM | 35 | 118 |  |
| **17** | 22-Nov-13 | 1600 | AM | 35 | 124 |  |
| **18** | 23-Nov-13 | 0900 | AM | 36 | 122 |  |
| **19** | 24-Nov-13 | 0730 | LS | 36 | 123 |  |
| **20** | 25-Nov-13 | 1000 | TZ | 34 | 120 |  |
|  | **Preliminary Estimate of Precision, Long Term** | | | | | |
|  |  |  | **User** |  |  |  |
|  |  |  | **Mean** |  |  |  |
|  |  |  | **SD** |  |  |  |
|  |  |  | **%CV** |  |  |  |
|  |  | **Manufacturer’s Claims** | |  |  |  |
|  |  |  | **Mean** | 36.7 U/L | 130 U/L |  |
|  |  |  | **SD** | 0.5 U/L | 1.0 U/L |  |
|  |  |  | **%CV** | 1.3 | 0.8% |  |

33% of CLIA Allowable error is \_\_\_6.6%. Long term precision is \_\_\_\_\_\_\_\_\_\_\_\_.

acceptable / unacceptable