**First Data**

Table 1. Results of Accuracy and Precision Testing of Weight Measurement

|  |  |  |  |
| --- | --- | --- | --- |
| Weight Reference (kg) | Reading Average (kg) | Error  (%) | Standard Deviation  (kg) |
| 0.25 | 0.25 | 0.000 | 0.000 |
| 0.5 | 0.5 | 0.000 | 0.000 |
| 0.75 | 0.75 | 0.000 | 0.000 |
| 1 | 1 | 0.000 | 0.000 |
| 1.25 | 1.25 | 0.000 | 0.000 |
| 1.5 | 1.5 | 0.000 | 0.000 |
| 1.75 | 1.752 | 0.114 | 0.004 |
| 2 | 2.005 | 0.250 | 0.005 |
| 2.25 | 2.241 | -0.400 | 0.005 |
| 2.5 | 2.485 | -0.600 | 0.008 |
| 2.75 | 2.739 | -0.400 | 0.009 |
| 3 | 3.005 | 0.167 | 0.007 |
| 3.25 | 3.26 | 0.308 | 0.010 |
| 3.5 | 3.501 | 0.029 | 0.011 |

**Second Data**

Table 2. Results of System Response Time Testing

|  |  |
| --- | --- |
| Test Attempt | Response Time (seconds) |
| 1 | 6.86 |
| 2 | 7.29 |
| 3 | 6.95 |
| 4 | 6.96 |
| 5 | 6.88 |
| 6 | 6.83 |
| 7 | 6.9 |
| 8 | 6.84 |
| 9 | 6.77 |
| 10 | 6.89 |
| 11 | 6.82 |
| 12 | 6.88 |
| 13 | 7.24 |
| 14 | 6.9 |
| 15 | 6.76 |
| 16 | 6.84 |
| 17 | 6.84 |
| 18 | 6.9 |
| 19 | 6.78 |
| 20 | 6.98 |
|  |  |
| AverageTime (s) | 6.89 |
| Standard Deviation (s) | 0.15 |

**Third Data**

Graph 1. Battery Voltage over Time

A graph showing a line

AI-generated content may be incorrect.

Fourth Data

Table 4. Results of Data Transmission and Storage Reliability Testing

|  |  |
| --- | --- |
| Condition | Result |
| Online (connected) | All data is transmitted without any duplicate data. |
| Offline (disconnected) | Data was not stored or transmitted. |