



Blood Alcohol Test No. 14-565 Summary Report

This test was sent to 208 participants. Each sample set consisted of four vials of blood with differing concentrations of ethanol. Participants were asked to determine the blood alcohol concentration of each item. Data were returned from 171 participants (82.2% response rate) and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

Manufacturer's Information

Each sample set consisted of four vials of blood, each with a different blood alcohol concentration (BAC). Participants were requested to analyze each vial and report the blood alcohol concentration.

SAMPLE PREPARATION-

A stock solution of ethanol in water was used to spike each item. The stock solution was prepared by combining 10 grams of absolute ethanol with enough distilled water to produce a solution of 100 milliliters. The stock solution was stored in a covered flask, which was opened only when a volume of the solution was needed for production.

In order to obtain sufficient volume of samples for this test, three batches were prepared of each item (A, B and C). Each batch and each item were prepared separately using the following procedure and all glassware was cleaned between preparations.

ITEMS 1, 2, 3 and 4 (PREPARATION): Sample preparation consisted of adding a predetermined amount of ethanol stock solution to a 500mL graduated cylinder containing human whole blood (which had been drawn into citric acid preservative blood bank bags). The blood was then transferred to a beaker, where the equivalent of 1% w/v sodium fluoride was added and then stirred with a magnetic stirrer for 10 minutes before pipetting 5mL of the mixture into each of the pre-labeled vials, which contained 12mg potassium oxalate and 15mg sodium fluoride (this NaF was included in the 1% w/v NaF calculation). The vials were sealed and inverted 8-10 times to mix the chemicals in the vials with the blood solution. All vials were placed in a refrigerator immediately after production until the sample sets were prepared.

SAMPLE SET ASSEMBLY: Once verification was completed, each sample set was prepared containing an Item 1, 2, 3 and 4 from the same batch and was placed into a Department of Transportation regulated shipping container. Each sample pack was labeled with test number and batch letter and returned to the refrigerator until shipment.

VERIFICATION-

Laboratories that conducted predistribution analysis of the samples reported consistent results for each batch that were comparable to the preparation BAC.

<u>Item</u>	<u>Preparation BAC (g/100mL)</u>
Item 1	0.08
Item 2	0.03
Item 3	0.24
Item 4	0.14

Please note that the Preparation Value is the value used for calculations during the test preparation phase and may not necessarily represent the final concentration of the samples. It is advised to wait for the Grand Mean statistics available in the Summary and Individual Reports before evaluating performance.

Summary Comments

This test was designed to allow participants to assess their proficiency in the analysis of the alcohol concentration in samples of human blood. Each participant was supplied with a sample set consisting of four vials of blood which had been spiked with differing amounts of ethanol to produce the preparation blood alcohol concentration (BAC). Participants were requested to determine the blood alcohol concentration for items 1 - 4. (Refer to the Manufacturer's Information for preparation details.)

Due to the large volume of blood needed to produce the sample sets, three batches of each item were manufactured (A, B and C). Tables 1 and 3 have been split into "A", "B" and "C" tables to represent the separate batches; this has been done for all items. Batches were represented by an "A", "B" or "C" on the outer sample pack label and in the lower right corner of the item label on each vial of blood contained in the participant's sample set. Laboratories with multiple participants were shipped sample sets from the same batch.

The report that follows contains all data as provided by the participants. BAC results are separated into two tables, the reported results and the raw analytical data. The table of reported results shows the BAC that each participant would report according to their normal reporting procedures (e.g. mean, lowest result, truncated results). The table of raw data shows the results from each determination made by the laboratory to produce their reported result. Blanks shown in the raw data table represent participants that did not report raw data values or raw data that was not reported in the requested units (g/100mL).

The raw data was used to calculate the grand mean and the standard deviation for each item. Participants with "extreme" data (± 5 STD from grand mean) have been marked with an "X" and their results were excluded from the calculations of the grand mean and standard deviation. One participant in Batch A reported "extreme" data for Item 2. One participant in Batch B reported "extreme" data for Item 1.

The grand mean and standard deviation are supplied to assist the participants and accrediting bodies in determining the acceptability of the results.

Reported Results

What is the blood alcohol concentration of the sample in each of the vials?

TABLE 1A - Batch A

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
24BMYD	74 mg/dL	26 mg/dL	226 mg/dL	131 mg/dL
2AZZZ2	0.06% w/v	0.02% w/v	0.21% w/v	0.13% w/v
2HQHGV	0.074 gram%	0.024 gram%	0.230 gram%	0.134 gram%
38NMXQ	0.07 g%	0.02 g%	0.23 g%	0.13 g%
4L6ZKQ	0.076 g%	0.026 g%	0.223 g%	0.131 g%
4UVKUN	0.077 g/100mL	0.026 g/100mL	0.234 g/100mL	0.133 g/100mL
6EGG79	0.07 % W/V	0.02 % W/V	0.23 % W/V	0.13 % W/V
6UCYV7	.06 g%	.02 g%	.22 g%	.12 g%
7EGYJW	0.07 % w/v	0.02 % w/v	0.23 % w/v	0.13 % w/v
7GJWT6	0.07 g/100mL	0.01 g/100mL	0.22 g/100mL	0.12 g/100mL
7R3973	0.076 g%	0.026 g%	0.224 g%	0.140 g%
8HVTX9	0.074 g/100mL	0.025 g/100mL	0.223 g/100mL	0.134 g/100mL
8PCNFN	0.076 ± 0.002 gram%	0.026 ± 0.002 gram%	0.236 ± 0.012 gram%	0.136 ± 0.006 gram%
8RZXPP	0.068 g/dL	0.025 g/dL	0.209 g/dL	0.122 g/dL
93EFXM	0.077 % wt/vol	0.027 % wt/vol	0.239 % wt/vol	0.137 % wt/vol
ANN3WW	0.070 g/100 mL	0.021 g/100 mL	0.229 g/100 mL	0.131 g/100 mL
BFC7UC	0.074 g/100ml	0.025 g/100ml	0.232 g/100ml	0.133 g/100ml
BH2E2R	0.07% w/v	0.02% w/v	0.22% w/v	0.13% w/v
BXDXPL	0.070 g/100mL	0.020 g/100mL	0.226 g/100mL	0.133 g/100mL

TABLE 1A - **Batch A**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
C8XGTH	.076 g/100mL	.026 g/100mL	.239 g/100mL	.138 g/100mL
CQ6W4G	0.069 g/100mL	0.018 g/100mL	0.223 g/100mL	0.125 g/100mL
CTTMXY	0.07 g/100mL	0.02 g/100mL	0.23 g/100mL	0.13 g/100mL
D63F3K	0.072 +/- 0.004 g/100CC of blood	0.023 +/- 0.002 g/100CC of blood	0.229 +/- 0.012 g/100CC of blood	0.131 +/- 0.007 g/100CC of blood
DLBCJX	0.07 g/100 mL	0.02 g/100 mL	0.23 g/100 mL	0.13 g/100 mL
F4K9U9	0.074 g/100mL	0.024 g/100mL	0.223 g/100mL	0.133 g/100mL
FMYMAH	0.071 +/- 0.004 g/100cc	0.022 +/- 0.002 g/100cc	0.231 +/- 0.012 g/100cc	0.131 +/- 0.007 g/100cc
FTZY6E	0.06 g/100 mL	0.00 g/100 mL	0.21 g/100 mL	0.11 g/100 mL
GYLEAC	.077 gm/dl	.027 gm/dl	.238 gm/dl	.139 gm/dl
HBW4M8	0.073 g/100mL	0.021 g/100mL	0.244 g/100mL	0.136 g/100mL
HJ93EX	72 mg/100mL	22 mg/100mL	230 mg/100mL	133 mg/100mL
HR43VB	0.07 g/100mL	0.02 g/100mL	0.23 g/100mL	0.13 g/100mL
J94E3Q	0.07 g/100ml	0.02 g/100ml	0.22 g/100ml	0.12 g/100ml
KNG6H6	0.077 g/100mL	0.025 g/100mL	0.234 g/100mL	0.139 g/100mL
KX3CDN	0.072 g/100mL	0.022 g/100mL	0.230 g/100mL	0.131 g/100mL
KXGXPB	0.078 g/100mL	0.027 g/100mL	0.252 g/100mL	0.140 g/100mL
LDP9RN	0.07 g/100mL	0.02 g/100mL	0.23 g/100mL	0.13 g/100mL
NVHTJT	0.069 g/100mL	0.020 g/100mL	0.233 g/100mL	0.132 g/100mL
NXCG69	0.074 g/dl	0.024 g/dl	0.233 g/dl	0.135 g/dl
P27XRM	0.07 %W/V	0.02 %W/V	0.23 %W/V	0.13 %W/V

TABLE 1A - **Batch A**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
PAWG9G	0.074 g/100mL	0.026 g/100mL	0.230 g/100mL	0.134 g/100mL
PMPZP8	0.072 g/100mL	0.022 g/100mL	0.22 g/100mL	0.13 g/100mL
PUMP9W	0.076 g/100mL	0.023 g/100mL	0.241 g/100mL	0.138 g/100mL
Q4NG46	0.070 % (g/100mL)	0.017 % (g/100mL)	0.225 % (g/100mL)	0.128 % (g/100mL)
Q8MNT9	0.076 g/100mL	0.024 g/100mL	0.23 g/100mL	0.13 g/100mL
QNELV4	0.073 ± 0.002 g/100mL	0.024 ± 0.001 g/100mL	0.229 ± 0.003 g/100mL	0.132 ± 0.002 g/100mL
R2FJGE	0.075 g/100mL	0.026 g/100mL	0.229 g/100mL	0.135 g/100mL
RCW7QF	0.075 g/100mL	0.025 g/100mL	0.229 g/100mL	0.137 g/100mL
UPDZU6	0.078 g/100mL	0.025 g/100mL	0.24 g/100mL	0.13 g/100mL
VU26ZE	0.073 g/100mL	0.023 g/100mL	0.232 g/100mL	0.132 g/100mL
WNUZNK	77 mg/100mL	27 mg/100mL	235 mg/100mL	136 mg/100mL
WUHFGX	0.072 ± 0.002 g/100mL	0.023 ± 0.001 g/100mL	0.221 ± 0.003 g/100mL	0.131 ± 0.002 g/100mL
XT3GYU	0.077 g/100mL	0.027 g/100mL	0.236 g/100mL	0.137 g/100mL
XZ27FY	0.075 ± 0.003 gram%	0.025 ± 0.002 gram%	0.231 ± 0.011 gram%	0.132 ± 0.006 gram%
YUXJ4P	0.071 g/100mL	0.024 g/100mL	0.229 g/100mL	0.132 g/100mL
YXWXNT	0.07 g%	0.02 g%	0.22 g%	0.13 g%
ZZEG6G	0.078 g/100mL	0.028 g/100mL	0.235 g/100mL	0.136 g/100mL

TABLE 1B - **Batch B**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
2VHCQ4	0.074 g/100mL	0.025 g/100mL	0.242 g/100mL	0.133 g/100mL
3P7TYN	0.078 % g/dL	0.026 % g/dL	0.242 % g/dL	0.138 % g/dL
3P9B6Z	0.077 g/100mL	0.026 g/100mL	0.241 g/100mL	0.137 g/100mL
3XJKPL	0.89 g/L	0.30 g/L	2.53 g/L	1.54 g/L
4TZ3Q2	0.079 g/100mL	0.026 g/100mL	0.248 g/100mL	0.140 g/100mL
683T8Z	0.074 ± 0.004 g/dL	0.025 ± 0.001 g/dL	0.239 ± 0.014 g/dL	0.133 ± 0.008 g/dL
6G9H4J	74 mg/100 mL	22 mg/100 mL	245 mg/100 mL	136 mg/100 mL
6Y4BPG	71 mg/100ml	25 mg/100ml	223 mg/100ml	128 mg/100ml
6ZXY6R	0.080 g/100mL	0.020 g/100mL	0.240 g/100mL	0.133 g/100mL
76LZNG	0.0751 g/100mL	0.0253 g/100mL	0.2336 g/100mL	0.1322 g/100mL
7N6RVU	0.074 g/100mL	0.024 g/100mL	0.231 g/100mL	0.130 g/100mL
7R47GX	0.077 g/100mL	0.026 g/100mL	0.236 g/100mL	0.133 g/100mL
8GWTRG	76 mg/100mL	25 mg/100mL	224 mg/100mL	129 mg/100mL
8M2URC	0.076 %	0.024 %	0.238 %	0.136 %
8NHQHP	0.68 g/L	0.21 g/L	2.14 g/L	1.22 g/L
8YFKYU	0.073 g/100mL	0.025 g/100mL	0.226 g/100mL	0.130 g/100mL
AVP4EC	76 mg/100ml	23 mg/100ml	246 mg/100ml	135 mg/100ml
AXWLBM	0.07 g%	0.02 g%	0.23 g%	0.13 g%
B8EM7M	0.076 g/dl	0.028 g/dl	0.228 g/dl	0.126 g/dl
BLH2BQ	0.073 g/100mL	0.023 g/100mL	0.219 g/100mL	0.125 g/100mL

TABLE 1B - **Batch B**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
BLWD8A	0.076 g/100mL	0.023 g/100mL	0.241 g/100mL	0.143 g/100mL
CAZLZB	75 mg/100 mL	25 mg/100 mL	236 mg/100 mL	133 mg/100 mL
CJQ86A	74 mg/100ml	22 mg/100ml	237 mg/100ml	139 mg/100ml
CNJ6ZR	0.078 g/100mL	0.027 g/100mL	0.240 g/100mL	0.137 g/100mL
CVKNUB	79 mg/100 mL	21 mg/100 mL	251 mg/100 mL	136 mg/100 mL
DH8L9C	0.070 g/dL	0.023 g/dL	0.221 g/dL	0.129 g/dL
DJL72M	0.072 g/100mL	0.024 g/100mL	0.226 g/100mL	0.128 g/100mL
GZXA9	0.07 ± 0.004 % w/v	0.02 ± 0.001 % w/v	0.24 ± 0.013 % w/v	0.13 ± 0.007 % w/v
H3KW2C	0.074 %	0.022 %	0.233 %	0.129 %
HDMA6J	0.075 g/100mL	0.024 g/100mL	0.230 g/100mL	0.129 g/100mL
J3CCQE	0.075 g/100mL	0.027 g/100mL	0.234 g/100mL	0.132 g/100ml
J8D9KF	0.073 g/100 mL	0.025 g/100 mL	0.226 g/100 mL	0.129 g/100 mL
JADQD2	0.076 g/100mL	0.023 g/100mL	0.237 g/100mL	0.135 g/100mL
JQ7CZG	0.073 g/100mL	0.023 g/100mL	0.232 g/100mL	0.130 g/100mL
JQ7EQK	0.077 g/100mL	0.026 g/100mL	0.235 g/100mL	0.134 g/100mL
KMFGVY	0.0762 g/100mL	0.0220 g/100mL	0.2450 g/100mL	0.1351 g/100mL
KUHJ2K	0.073 ± 0.004 g/100mL	0.025 ± 0.001 g/100mL	0.235 ± 0.014 g/100mL	0.133 ± 0.008 g/100mL
LV8EXT	71 mg%	24 mg%	224 mg%	126 mg%
M4HXUW	75 mg/100mL	25 mg/100mL	228 mg/100mL	131 mg/100mL
M7J493	0.074 g/100mL	0.024 g/100mL	0.230 g/100mL	0.130 g/100mL

TABLE 1B - **Batch B**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
NBV9K3	0.076% g/dL	0.024% g/dL	0.234% g/dL	0.135% g/dL
NKKUQ2	0.076 g/dL	0.025 g/dL	0.240 g/dL	0.135 g/dL
NNGLYX	0.08067 g/100ml	0.02462 g/100ml	0.23753 g/100ml	0.14202 g/100ml
PZVQTZ	0.071 g/100mL	0.020 g/100mL	0.231 g/100mL	0.129 g/100mL
QFZP7W	78 mg/100mL	32 mg/100mL	231 mg/100mL	139 mg/100mL
QWPW4U	74 mg/100mL	25 mg/100mL	224 mg/100mL	127 mg/100mL
R6WUNR	0.073 g/dL	0.023 g/dL	0.237 g/dL	0.139 g/dL
R7N66C	0.077 g/100mL	0.026 g/100mL	0.240 g/100mL	0.136 g/100mL
RFHXT7	0.071 %	0.021 %		
RJWRA3	75 mg/100ml	23 mg/100ml	233 mg/100ml	134 mg/100ml
RMZJLA	0.075 g/100 mL	0.023 g/100 mL	0.232 g/100 mL	0.131 g/100 mL
UHX7V3	0.78 mg/ml	0.27 mg/ml	2.31 mg/ml	1.34 mg/ml
UQREFT	0.066 g/100mL	0.025 g/100mL	0.192 g/100mL	0.118 g/100mL
UZWLVT	79 mg/100ml	26 mg/100ml	248 mg/100ml	141 mg/100ml
V7JPKB	0.072 g/100mL	0.024 g/100mL	0.237 g/100mL	0.132 g/100mL
VB8DYT	0.079 ± 0.003 g/100mL	0.028 ± 0.001 g/100mL	0.246 ± 0.007 g/100mL	0.141 ± 0.004 g/100mL
VM2UMU	0.06 g/100mL	0.02 g/100mL	0.21 g/100mL	0.12 g/100mL
VMM7NN	0.077 g/100mL	0.023 g/100mL	0.244 g/100mL	0.141 g/100mL
XHHE9L	0.073 g/dL	0.025 g/dL	0.232 g/dL	0.131 g/dL
XUTPXX	0.076 g/100mL	0.026 g/100mL	0.236 g/100mL	0.132 g/100mL

TABLE 1B - **Batch B**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
YLVE4T	0.076 ± 0.002 g/dL	0.025 ± 0.001 g/dL	0.235 ± 0.004 g/dL	0.133 ± 0.003 g/dL
ZCPW6U	0.073 g/100mL	0.025 g/100mL	0.227 g/100mL	0.129 g/100mL
ZFMDHN	72.7 mg/100ml	22.1 mg/100ml	237.7 mg/100ml	133.7 mg/100ml

TABLE 1C - Batch C

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
34KTVE	0.07 %w/v	0.02 %w/v	0.23 %w/v	0.13 %w/v
6JD6J9	0.07 g%	0.02 g%	0.22 g%	0.12 g%
6N78KM	0.07 g%	0.02 g%	0.23 g%	0.13 g%
6RNMYL	0.074 g/100 mL	0.021 g/100 mL	0.243 g/100 mL	0.139 g/100 mL
72Q9FK	0.07 % (w/v) BAC	0.02 % (w/v) BAC	0.23 % (w/v) BAC	0.13 % (w/v) BAC
7EVKVK	0.072 g/100mL	0.020 g/100mL	0.242 g/100mL	0.132 g/100mL
7F9YG9	0.07 g %	0.03 g %	0.23 g %	0.13 g %
87F4UX	74 mg/100mL	24 mg/100mL	231 mg/100mL	130 mg/100mL
9AVX9A	0.072 g/100mL	0.025 g/100mL	0.219 g/100mL	0.123 g/100mL
9JGYQ6	0.07 g/100mL	0.02 g/100mL	0.22 g/100mL	0.12 g/100mL
9LKUA8	80 mg/100ml	25 mg/100ml	242 mg/100ml	138 mg/100ml
9NQEX8	0.0750 g/100mL	0.0204 g/100mL	0.2531 g/100mL	0.1416 g/100mL
A7RMRZ	0.08 gm/%	0.03 gm/%	0.24 gm/%	0.13 gm/%
A8L8J7	76 mg/100ml	24 mg/100ml	232 mg/100ml	130 mg/100ml
AE4JW7	0.675 (+/- 0.024) g/L	0.189 (+/- 0.012) g/L	2.286 (+/- 0.066) g/L	1.269 (+/- 0.049) g/L
AMWU82	0.06 % w/v	0.02 % w/v	0.22 % w/v	0.12 % w/v
B4HYPF	0.08 % w/v	0.02 % w/v	0.24 % w/v	0.14 % w/v
B6BMBV	0.746 g/L	0.261 g/L	2.16 g/L	1.26 g/L
BTH7LV	0.74 g/kg = ‰	0.25 g/kg = ‰	2.21 g/kg = ‰	1.27 g/kg = ‰
C3FN8G	0.073 g/100mL	0.021 g/100mL	0.237 g/100mL	0.134 g/100mL

TABLE 1C - Batch C

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
CC4GKY	77 mg/dL	24 mg/dL	241 mg/dL	135 mg/dL
CQLAA7	.072 g/100ml	.022 g/100ml	.225 g/100ml	.129 g/100ml
D28QLD	0.076 g/100ml	0.021 g/100ml	0.249 g/100ml	0.138 g/100ml
DT993U	73.31 g/100ml	22.89 g/100ml	226.96 g/100ml	128.08 g/100ml
DVEQ2Q	0.796 ‰	0.263 ‰	2.420 ‰	1.340 ‰
EVUAJ3	76 mg/dL	25 mg/dL	226 mg/dL	128 mg/dL
GJ9PCB	0.07 g%	0.02 g%	0.22 g%	0.13 g%
HX7GBK	0.071 g/100ml	0.011 g/100ml	0.274 g/100ml	0.143 g/100ml
J2HLMK	74.49 mg/dl	23.43 mg/dl	229.20 mg/dl	144.59 mg/dl
KZ4JDR	0.076 g/100 ml	0.024 g/100 ml	0.264 g/100 ml	0.143 g/100 ml
LB2WV4	0.072 g/100ml	0.022 g/100ml	0.235 g/100ml	0.130 g/100ml
LVP4JT	76 mg/dL	27 mg/dL	231 mg/dL	133 mg/dL
M996EQ	0.0695 g/100mL	0.0255 g/100mL	0.2231 g/100mL	0.1218 g/100mL
N97ZDM	0.068 %wt/vol	0.021 %wt/vol	0.214 %wt/vol	0.123 %wt/vol
NQQNMH	0.074 g/100mL	0.023 g/100mL	0.230 g/100mL	0.130 g/100mL
Q2VN9L	0.077 ± 0.003 g/100mL	0.025 ± 0.003 g/100mL	0.238 ± 0.003 g/100mL	0.135 ± 0.003 g/100mL
QNB7FH	77 mg%	26 mg%	214 mg%	122 mg%
QT66UD	0.072 g/100mL	0.022 g/100mL	0.224 g/100mL	0.126 g/100mL
RG8LQR	0.07 g%	0.02 g%	0.23 g%	0.13 g%
T2RKU2	0.071 g/100mL	0.020 g/100mL	0.237 g/100mL	0.131 g/100mL

TABLE 1C - **Batch C**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.08 g/100mL	0.03 g/100mL	0.24 g/100mL	0.14 g/100mL
TGNZWF	0.078 g/100mL	0.030 g/100mL	0.230 g/100mL	0.136 g/100mL
TV4X2G	77 mg/100 mL	25 mg/100 mL	247 mg/100 mL	138 mg/100 mL
TWYJTL	78 mg/100mL	27 mg/100mL	237 mg/100mL	135 mg/100mL
TY4BKZ	0.07 % w/v	0.02 % w/v	0.23 % w/v	0.13 % w/v
U7YLEV	0.071 grams/100ml	0.020 grams/100ml	0.232 grams/100ml	0.130 grams/100ml
URJNAU	0.070 g/100mL	0.020 g/100mL	0.234 g/100mL	0.130 g/100mL
UVX6HY	0.071 g/100mL	0.020 g/100mL	0.237 g/100mL	0.131 g/100mL
VWCULB	0.731 mg/mL	0.225 mg/mL	2.284 mg/mL	1.288 mg/mL
XQE8PT	0.072 g/dL	0.020 g/dL	0.242 g/dL	0.133 g/dL
Y7JXYB	0.07 g/100mL	0.02 g/100mL	0.23 g/100mL	0.13 g/100mL
Y8DQUU	0.071 g/100mL	0.020 g/100mL	0.236 g/100mL	0.131 g/100mL
YV8NER	0.071 g/100ml	0.020 g/100ml	0.238 g/100ml	0.134 g/100ml

Reporting Procedures

TABLE 2

Batch - WebCode	Reporting Procedures
A-24BMYD	The mean of duplicate/several determinations.
A-2AZZZ2	The mean of duplicate/several determinations.
A-2HQHGV	The mean of duplicate/several determinations.
A-38NMXQ	The lowest value of duplicate/several determinations.
A-4L6ZNQ	The lowest value of duplicate/several determinations.
A-4UVKUN	The lowest value of duplicate/several determinations.
A-6EGG79	The mean of duplicate/several determinations.
A-6UCYV7	The lowest value of duplicate determinations.
A-7EGYJW	The mean of duplicate/several determinations.
A-7GJWT6	Lowest value of duplicates, minus uncertainty of method to 99.7% confidence (K=3) @ 6.3%. Then truncated to 2 decimal places.
A-7R3973	The mean of duplicate/several determinations.
A-8HVTX9	The mean of duplicate/several determinations.
A-8PCNFN	The mean of duplicate/several determinations.
A-8RZXPP	The mean of duplicate/several determinations.
A-93EFXM	The lowest value of duplicate/several determinations.
A-ANN3WW	The mean of duplicate/several determinations.
A-BFC7UC	The mean of duplicate/several determinations.
A-BH2E2R	The mean of duplicate/several determinations.
A-BXDXPL	The lowest value of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
A-C8XGTH	The mean of duplicate/several determinations.
A-CQ6W4G	The mean of duplicate/several determinations.
A-CTTMXY	The mean of duplicate/several determinations.
A-D63F3K	The mean of duplicate/several determinations.
A-DLBCJX	The mean of duplicate/several determinations.
A-F4K9U9	
A-FMYMAH	The truncated mean of several determinations +/- the uncertainty of measurement
A-FTZY6E	The mean of duplicate/several determinations.
A-GYLEAC	The mean of duplicate/several determinations.
A-HBW4M8	The mean of duplicate/several determinations.
A-HJ93EX	The mean of duplicate/several determinations.
A-HR43VB	The mean of duplicate/several determinations.
A-J94E3Q	The mean of duplicate/several determinations.
A-KNG6H6	Mean of duplicates truncated to three decimals
A-KX3CDN	The mean of duplicate/several determinations.
A-KXGXPB	The mean of duplicate/several determinations.
A-LDP9RN	The mean of duplicate/several determinations.
A-NVHTJT	The lowest mean of replicate analyses performed over separate days.
A-NXCG69	The mean of duplicate/several determinations.
A-P27XRM	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
A-PAWG9G	The mean of duplicate/several determinations.
A-PMPZP8	The mean of duplicate/several determinations.
A-PUMP9W	The mean of duplicate/several determinations.
A-Q4NG46	The mean of duplicate/several determinations.
A-Q8MNT9	The mean of duplicate/several determinations.
A-QNELV4	The mean of duplicate/several determinations.
A-R2FJGE	The mean of duplicate/several determinations.
A-RCW7QF	The mean of duplicate/several determinations.
A-UPDZU6	The mean of duplicate/several determinations.
A-VU26ZE	The mean of duplicate/several determinations.
A-WNUZNK	Mean of 4 replicate determinations truncated to the nearest mg/100mL.
A-WUHFGX	The mean of duplicate/several determinations.
A-XT3GYU	The lowest value of duplicate/several determinations.
A-XZ27FY	The mean of duplicate/several determinations.
A-YUXJ4P	The mean of duplicate/several determinations.
A-YXWXNT	The lowest value of duplicate/several determinations.
A-ZZEG6G	The mean of duplicate/several determinations.
B-2VHCQ4	The mean of duplicate/several determinations.
B-3P7TYN	The mean of duplicate/several determinations.
B-3P9B6Z	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
B-3XJKPL	The mean of duplicate/several determinations.
B-4TZ3Q2	The mean of duplicate/several determinations.
B-683T8Z	The mean of duplicate/several determinations.
B-6G9H4J	The mean of duplicate/several determinations.
B-6Y4BPG	The mean of duplicate/several determinations.
B-6ZXY6R	The lowest value of duplicate/several determinations.
B-76LZNG	The mean of duplicate/several determinations.
B-7N6RVU	The lowest value of duplicate/several determinations.
B-7R47GX	The mean of duplicate/several determinations.
B-8GWTRG	The lowest value of duplicate/several determinations.
B-8M2URC	The mean of duplicate/several determinations.
B-8NHQHP	The mean of duplicate/several determinations.
B-8YFKYU	The lowest value of duplicate/several determinations.
B-AVP4EC	The mean of duplicate/several determinations.
B-AXWLBM	The mean of duplicate/several determinations.
B-B8EM7M	The mean of duplicate/several determinations.
B-BLH2BQ	The lowest value of duplicate/several determinations.
B-BLWD8A	The mean of duplicate/several determinations.
B-CAZLZB	The mean of duplicate/several determinations.
B-CJQ86A	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
B-CNJ6ZR	The mean of duplicate/several determinations.
B-CVKNUB	The mean of duplicate/several determinations.
B-DH8L9C	The mean of duplicate/several determinations.
B-DJL72M	The lowest value of duplicate/several determinations.
B-GZXA9	The mean of duplicate/several determinations.
B-H3KW2C	The lowest value of duplicate/several determinations.
B-HDMA6J	The lowest value of duplicate/several determinations.
B-J3CCQE	The mean of duplicate/several determinations.
B-J8D9KF	The lowest value of duplicate/several determinations.
B-JADQD2	The mean of duplicate/several determinations.
B-JQ7CZG	The lowest value of duplicate/several determinations.
B-JQ7EQK	The mean of duplicate/several determinations.
B-KMFGVY	The mean of duplicate/several determinations.
B-KUHJ2K	The mean of duplicate/several determinations.
B-LV8EXT	The mean of duplicate/several determinations.
B-M4HXUW	The mean of duplicate/several determinations.
B-M7J493	The lowest value of duplicate/several determinations.
B-NBV9K3	The mean of duplicate/several determinations.
B-NKKUQ2	The mean of duplicate/several determinations.
B-NNGLYX	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
B-PZVQTZ	The mean of several determination truncated
B-QFZP7W	The mean of duplicate/several determinations.
B-QWPW4U	The mean of duplicate/several determinations.
B-R6WUNR	The mean of duplicate/several determinations.
B-R7N66C	The mean of duplicate/several determinations.
B-RFHXT7	The lowest value of duplicate/several determinations.
B-RJWRA3	The mean of duplicate/several determinations.
B-RMZJLA	The lowest value of duplicate/several determinations.
B-UHX7V3	The mean of duplicate/several determinations.
B-UQREFT	The mean of duplicate/several determinations.
B-UZWLVT	The mean of duplicate/several determinations.
B-V7JPKB	The mean of duplicate/several determinations.
B-VB8DYT	The mean of duplicate/several determinations.
B-VM2UMU	The mean of duplicate/several determinations.
B-VMM7NN	The mean of duplicate/several determinations.
B-XHHE9L	The lowest value of duplicate/several determinations.
B-XUTPXX	The mean of duplicate/several determinations.
B-YLVE4T	The mean of duplicate/several determinations.
B-ZCPW6U	The mean of duplicate/several determinations.
B-ZFMDHN	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
C-34KTVE	The mean of duplicate/several determinations; Truncate to two decimal places
C-6JD6J9	The lowest value of duplicate/several determinations.
C-6N78KM	The lowest value of duplicate/several determinations.
C-6RNMYL	The mean of duplicate/several determinations.
C-72Q9FK	The mean of duplicate/several determinations.
C-7EVKVK	The mean of duplicate/several determinations.
C-7F9YG9	The lowest value of duplicate/several determinations.
C-87F4UX	The mean of duplicate/several determinations.
C-9AVX9A	The mean of duplicate/several determinations.
C-9JGYQ6	The mean of duplicate/several determinations.
C-9LKUA8	The mean of duplicate/several determinations.
C-9NQEX8	the mean of 4 times
C-A7RMRZ	The mean of duplicate/several (2) determinations.
C-A8L8J7	The mean of duplicate/several determinations.
C-AE4JW7	The mean of duplicate/several determinations. Uncertainty (k: 3.29, 99.9%, normal)
C-AMWU82	The mean of duplicate/several determinations.
C-B4HYPF	The mean of duplicate/several determinations.
C-B6BMBV	The mean of duplicate/several determinations.
C-BTH7LV	The mean of duplicate/several determinations.
C-C3FN8G	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
C-CC4GKY	The mean of duplicate/several determinations.
C-CQLAA7	The lowest value of duplicate/several determinations.
C-D28QLD	The mean of duplicate/several determinations.
C-DT993U	The mean of duplicate/several determinations.
C-DVEQ2Q	The mean of duplicate/several determinations.
C-EVUAJ3	The mean of duplicate/several determinations.
C-GJ9PCB	The lowest value of duplicate/several determinations.
C-HX7GBK	The mean of duplicate/several determinations.
C-J2HLMK	The mean of duplicate/several determinations.
C-KZ4JDR	The mean of duplicate/several determinations.
C-LB2WV4	The mean of duplicate/several determinations.
C-LVP4JT	The mean of duplicate/several determinations.
C-M996EQ	The mean of duplicate/several determinations.
C-N97ZDM	The lowest value of duplicate/several determinations.
C-NQQNMH	The mean of duplicate/several determinations.
C-Q2VN9L	The lowest value of duplicate/several determinations.
C-QNB7FH	Lowest of several determination - 6%
C-QT66UD	The mean of duplicate/several determinations.
C-RG8LQR	The lowest value of duplicate/several determinations.
C-T2RKU2	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
C-TGNZWF	The mean of duplicate/several determinations.
C-TV4X2G	The mean of duplicate/several determinations.
C-TWYJTL	The mean of duplicate/several determinations.
C-TY4BKZ	The mean of duplicate/several determinations.
C-U7YLEV	The mean of duplicate/several determinations.
C-URJNAU	The mean of duplicate/several determinations.
C-UVX6HY	The mean of duplicate/several determinations.
C-VWCULB	The mean of duplicate/several determinations.
C-XQE8PT	The mean of duplicate/several determinations.
C-Y7JXYB	The mean of duplicate/several determinations.
C-Y8DQUU	The mean of duplicate/several determinations.
C-YV8NER	The mean of duplicate/several determinations.

Response Summary	
Participants:	171
The mean of duplicate/several determinations:	129 (75.4%)
The lowest value of duplicate/several determinations:	29 (17.0%)
Other	13 (7.6%)

Raw Data

List of raw data determinations in g/100mL.

TABLE 3A - Item 1 Batch A

WebCode	Item 1 (g/100mL)				Preparation Target BAC : 0.08g/100mL				Mean
24BMYD	0.0743	0.0744	0.0743	0.0738					0.0742
2AZZZ2	0.0690	0.0670							0.0680
2HQHGV	0.0750	0.0746							0.0748
38NMXQ	0.0770	0.0770							0.0770
4L6ZLNQ	0.0760	0.0760							0.0760
4UVKUN	0.0780	0.0770							0.0775
6EGG79	0.0740	0.0740							0.0740
6UCYV7	0.0697	0.0693							0.0695
7EGYJW	0.0720	0.0730							0.0725
7GJWT6	0.0750	0.0750							0.0750
7R3973	0.0770	0.0748							0.0759
8HVTX9	0.0726	0.0753							0.0740
8PCNFN	0.0768	0.0762							0.0765
8RZXP	0.0680	0.0690	0.0690						0.0687
93EFXM	0.0776	0.0772							0.0774
ANN3WW	0.0709	0.0709							0.0709
BFC7UC	0.0753	0.0750	0.0747	0.0745					0.0749
BH2E2R	0.0720	0.0720							0.0720
BXDPL	0.0700	0.0730							0.0715
C8XGTH	0.0760	0.0760							0.0760
CQ6W4G	0.0677	0.0699							0.0688
CTTMY	0.0760	0.0760							0.0760
D63F3K	0.0727	0.0726	0.0731	0.0726					0.0728
DLBCJX	0.0760	0.0760							0.0760
F4K9U9	0.0740	0.0740							0.0740
FMYMAH	0.0720	0.0713	0.0705	0.0713					0.0713
FTZY6E	0.0690	0.0680							0.0685
GYLEAC	0.0770	0.0750	0.0790	0.0770					0.0770
HBW4M8	0.0750	0.0709	0.0750	0.0728					0.0734
HJ93EX	0.0724	0.0725							0.0725
HR43VB	0.0770	0.0760	0.0770	0.0770					0.0768
J94E3Q	0.0730	0.0720							0.0725
KNG6H6	0.0771	0.0768	0.0784	0.0779					0.0776
KX3CDN	0.0723	0.0722							0.0723
KXGXPB	0.0760	0.0780	0.0790						0.0777
LDP9RN	0.0777	0.0768							0.0773
NVHTJT	0.0710	0.0720	0.0730	0.0700	0.0690	0.0720	0.0710		0.0711
NXCG69	0.0743	0.0743							0.0743
P27XRM	0.0760	0.0740							0.0750
PAWG9G	0.0740	0.0750	0.0740	0.0750					0.0745

TABLE 3A - Item 1 Batch A

WebCode	Item 1 (g/100mL)			Preparation Target BAC : 0.08g/100mL			Mean
PMPZP8	0.0720	0.0720	0.0720				0.0720
PUMP9W	0.0767	0.0756	0.0764	0.0754			0.0760
Q4NG46	0.0694	0.0705					0.0700
Q8MNT9	0.0760	0.0760	0.0760				0.0760
QNELV4	0.0745	0.0734					0.0740
R2FJGE	0.0750	0.0760	0.0760	0.0760			0.0758
RCW7QF	0.0750	0.0760	0.0740	0.0760			0.0753
UPDZU6	0.0780	0.0770	0.0770				0.0773
VU26ZE	0.0733	0.0735					0.0734
WNUZNK	0.0779	0.0772	0.0770	0.0771			0.0773
WUHFGX	0.0738	0.0718					0.0728
XT3GYU	0.0770	0.0770					0.0770
XZ27FY	0.0761	0.0752					0.0757
YUXJ4P	0.0720	0.0710	0.0720	0.0710	0.0710	0.0690	0.0710
YXWXNT	0.0720	0.0740					0.0730
ZZEG6G	0.0784	0.0780					0.0782

Statistical Analysis for Item 1 Batch A

Grand Mean	0.0741	Number of Participants Included	56	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0027	Number of Participants Excluded	0		

TABLE 3A - Item 2 Batch A

WebCode	Item 2 (g/100mL)			Preparation Target BAC : 0.03g/100mL				Mean
24BMYD	0.0260	0.0258	0.0259	0.0257				0.0259
2AZZZ2	0.0210	0.0200						0.0205
2HQHGV	0.0247	0.0251						0.0249
38NMXQ	0.0230	0.0220						0.0225
4L6ZNP	0.0260	0.0260						0.0260
4UVKUN	0.0260	0.0270						0.0265
6EGG79	0.0230	0.0230						0.0230
6UCYV7	0.0218	0.0214						0.0216
7EGYJW	0.0210	0.0210						0.0210
7GJWT6	0.0240	0.0230						0.0235
7R3973	0.0263	0.0250						0.0257
8HVTX9	0.0247	0.0257						0.0252
8PCNFN	0.0263	0.0262						0.0263
8RZPPP	0.0250	0.0250	0.0250					0.0250
93EFXM	0.0274	0.0274						0.0274
ANN3WW	0.0214	0.0214						0.0214
BFC7UC	0.0260	0.0263	0.0257	0.0260				0.0260
BH2E2R	0.0220	0.0220						0.0220
BXDXPL	0.0200	0.0200						0.0200
C8XGTH	0.0260	0.0250						0.0255
CQ6W4G	0.0178	0.0178						0.0178
CTTMYX	0.0250	0.0250						0.0250
D63F3K	0.0231	0.0237	0.0226	0.0237				0.0233
DLBCJX	0.0250	0.0250						0.0250
F4K9U9	0.0240	0.0250						0.0245
FMYMAH	0.0220	0.0233	0.0218	0.0234				0.0226
FTZY6E	0.0000	0.0000						0.0000 X
GYLEAC	0.0290	0.0270	0.0280	0.0270				0.0278
HBW4M8	0.0222	0.0211	0.0228	0.0214				0.0219
HJ93EX	0.0219	0.0219						0.0219
HR43VB	0.0260	0.0260	0.0260	0.0260				0.0260
J94E3Q	0.0230	0.0230						0.0230
KNG6H6	0.0253	0.0256	0.0254	0.0257				0.0255
KX3CDN	0.0229	0.0229						0.0229
KXGXPB	0.0270	0.0270	0.0270					0.0270
LDP9RN	0.0277	0.0275						0.0276
NVHTJT	0.0220	0.0220	0.0220	0.0210	0.0200	0.0210	0.0210	0.0213
NXCG69	0.0249	0.0247						0.0248
P27XRM	0.0240	0.0210						0.0225
PAWG9G	0.0270	0.0250	0.0270	0.0260				0.0263
PMPZP8	0.0230	0.0220	0.0220					0.0223
PUMP9W	0.0240	0.0239	0.0240	0.0240				0.0240

TABLE 3A - Item 2 Batch A

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.03g/100mL				Mean
Q4NG46	0.0176	0.0175					0.0176
Q8MNT9	0.0250	0.0250	0.0240				0.0247
QNELV4	0.0242	0.0241					0.0242
R2FJGE	0.0270	0.0260	0.0270	0.0270			0.0268
RCW7QF	0.0250	0.0260	0.0250	0.0260			0.0255
UPDZU6	0.0250	0.0260	0.0250				0.0253
VU26ZE	0.0234	0.0235					0.0235
WNUZNK	0.0270	0.0268	0.0272	0.0274			0.0271
WUHFGX	0.0232	0.0229					0.0231
XT3GYU	0.0270	0.0270					0.0270
XZ27FY	0.0252	0.0252					0.0252
YUXJ4P	0.0240	0.0240	0.0240	0.0240	0.0240	0.0240	0.0240
YXWXNT	0.0220	0.0230					0.0225
ZZEG6G	0.0279	0.0281					0.0280

Statistical Analysis for Item 2 Batch A

Grand Mean	0.0241	Number of Participants Included	55	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0024	Number of Participants Excluded	1		

TABLE 3A - Item 3 Batch A

WebCode	Item 3 (g/100mL)				Preparation Target BAC : 0.24g/100mL				Mean
24BMYD	0.2273	0.2271	0.2257	0.2256					0.2264
2AZZZ2	0.2130	0.2110							0.2120
2HQHGV	0.2323	0.2291							0.2307
38NMXQ	0.2390	0.2380							0.2385
4L6ZLNQ	0.2240	0.2230							0.2235
4UVKUN	0.2340	0.2390							0.2365
6EGG79	0.2350	0.2370							0.2360
6UCYV7	0.2267	0.2271							0.2269
7EGYJW	0.2340	0.2350							0.2345
7GJWT6	0.2360	0.2350							0.2355
7R3973	0.2154	0.2322							0.2238
8HVTX9	0.2218	0.2249							0.2234
8PCNFN	0.2378	0.2344							0.2361
8RZXPP	0.2080	0.2100	0.2100						0.2093
93EFXM	0.2413	0.2399							0.2406
ANN3WW	0.2284	0.2296							0.2290
BFC7UC	0.2343	0.2342	0.2308	0.2307					0.2325
BH2E2R	0.2240	0.2240							0.2240
BXDXPL	0.2260	0.2260							0.2260
C8XGTH	0.2380	0.2400							0.2390
CQ6W4G	0.2214	0.2257							0.2236
CTTMYX	0.2330	0.2330							0.2330
D63F3K	0.2290	0.2277	0.2312	0.2299					0.2295
DLBCJX	0.2340	0.2320							0.2330
F4K9U9	0.2230	0.2330							0.2280
FMYMAH	0.2324	0.2308	0.2328	0.2314					0.2319
FTZY6E	0.2220	0.2120							0.2170
GYLEAC	0.2370	0.2380	0.2390	0.2400					0.2385
HBW4M8	0.2463	0.2429	0.2469	0.2406					0.2442
HJ93EX	0.2351	0.2349							0.2350
HR43VB	0.2380	0.2410	0.2390	0.2390					0.2393
J94E3Q	0.2240	0.2220							0.2230
KNG6H6	0.2352	0.2343	0.2355	0.2345					0.2349
KX3CDN	0.2311	0.2309							0.2310
KXGXPB	0.2440	0.2500	0.2550						0.2497
LDP9RN	0.2372	0.2333							0.2353
NVHTJT	0.2370	0.2340	0.2400	0.2360	0.2360	0.2360	0.2330		0.2360
NXCG69	0.2330	0.2344							0.2337
P27XRM	0.2360	0.2430							0.2395
PAWG9G	0.2270	0.2310	0.2320	0.2330					0.2308
PMPZP8	0.2270	0.2270	0.2270						0.2270
PUMP9W	0.2443	0.2386	0.2440	0.2379					0.2412

TABLE 3A - Item 3 Batch A

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.24g/100mL				Mean
Q4NG46	0.2241	0.2272					0.2257
Q8MNT9	0.2380	0.2390	0.2390				0.2387
QNELV4	0.2293	0.2302					0.2298
R2FJGE	0.2270	0.2280	0.2300	0.2330			0.2295
RCW7QF	0.2290	0.2310	0.2300	0.2290			0.2298
UPDZU6	0.2400	0.2400	0.2400				0.2400
VU26ZE	0.2320	0.2331					0.2326
WNUZNK	0.2356	0.2365	0.2360	0.2356			0.2359
WUHFGX	0.2230	0.2198					0.2214
XT3GYU	0.2370	0.2360					0.2365
XZ27FY	0.2324	0.2301					0.2313
YUXJ4P	0.2280	0.2270	0.2340	0.2320	0.2280	0.2270	0.2293
YXWXNT	0.2200	0.2260					0.2230
ZZEG6G	0.2357	0.2353					0.2355

Statistical Analysis for Item 3 Batch A

Grand Mean	0.2314	Number of Participants Included	56	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0075	Number of Participants Excluded	0		

TABLE 3A - Item 4 Batch A

WebCode	Item 4 (g/100mL)				Preparation Target BAC : 0.14g/100mL				Mean
24BMYD	0.1315	0.1311	0.1300	0.1296					0.1306
2AZZZ2	0.1320	0.1320							0.1320
2HQHGV	0.1352	0.1338							0.1345
38NMXQ	0.1390	0.1400							0.1395
4L6ZNR	0.1330	0.1310							0.1320
4UVKUN	0.1330	0.1330							0.1330
6EGG79	0.1360	0.1360							0.1360
6UCYV7	0.1264	0.1286							0.1275
7EGYJW	0.1340	0.1340							0.1340
7GJWT6	0.1370	0.1360							0.1365
7R3973	0.1331	0.1471							0.1401
8HVTX9	0.1297	0.1376							0.1337
8PCNFN	0.1366	0.1372							0.1369
8RZPPP	0.1230	0.1220	0.1220						0.1223
93EFXM	0.1400	0.1378							0.1389
ANN3WW	0.1313	0.1311							0.1312
BFC7UC	0.1338	0.1337	0.1337	0.1335					0.1337
BH2E2R	0.1330	0.1320							0.1325
BXDXPL	0.1330	0.1330							0.1330
C8XGTH	0.1390	0.1370							0.1380
CQ6W4G	0.1243	0.1255							0.1249
CTTMXY	0.1360	0.1360							0.1360
D63F3K	0.1313	0.1310	0.1326	0.1324					0.1318
DLBCJX	0.1360	0.1350							0.1355
F4K9U9	0.1340	0.1330							0.1335
FMYMAH	0.1330	0.1317	0.1317	0.1312					0.1319
FTZY6E	0.1190	0.1150							0.1170
GYLEAC	0.1390	0.1390	0.1400	0.1400					0.1395
HBW4M8	0.1379	0.1334	0.1389	0.1346					0.1362
HJ93EX	0.1347	0.1340							0.1344
HR43VB	0.1380	0.1380	0.1370	0.1370					0.1375
J94E3Q	0.1270	0.1290							0.1280
KNG6H6	0.1409	0.1402	0.1384	0.1377					0.1393
KX3CDN	0.1318	0.1316							0.1317
KXGXPB	0.1420	0.1370	0.1430						0.1407
LDP9RN	0.1388	0.1375							0.1382
NVHTJT	0.1320	0.1350	0.1330	0.1350	0.1330	0.1360	0.1350		0.1341
NXCG69	0.1350	0.1350							0.1350
P27XRM	0.1380	0.1380							0.1380
PAWG9G	0.1350	0.1350	0.1330	0.1350					0.1345
PMPZP8	0.1320	0.1320	0.1330						0.1323
PUMP9W	0.1399	0.1370	0.1395	0.1365					0.1382

TABLE 3A - Item 4 Batch A

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.14g/100mL				Mean
Q4NG46	0.1273	0.1293					0.1283
Q8MNT9	0.1390	0.1350	0.1340				0.1360
QNELV4	0.1317	0.1325					0.1321
R2FJGE	0.1320	0.1340	0.1380	0.1370			0.1353
RCW7QF	0.1360	0.1360	0.1380	0.1400			0.1375
UPDZU6	0.1380	0.1380	0.1400				0.1387
VU26ZE	0.1326	0.1321					0.1324
WNUZNK	0.1362	0.1360	0.1367	0.1361			0.1363
WUHFGX	0.1302	0.1332					0.1317
XT3GYU	0.1370	0.1380					0.1375
XZ27FY	0.1330	0.1314					0.1322
YUXJ4P	0.1330	0.1310	0.1350	0.1330	0.1320	0.1320	0.1327
YXWXNT	0.1370	0.1350					0.1360
ZZEG6G	0.1364	0.1373					0.1369

Statistical Analysis for Item 4 Batch A

Grand Mean	0.1341	Number of Participants Included	56	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0044	Number of Participants Excluded	0		

TABLE 3A - Response Summary for Batch A

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation	0.08	0.03	0.24	0.14
Grand Mean	0.0741	0.0241	0.2314	0.1341
Standard Deviation	0.0027	0.0024	0.0075	0.0044

TABLE 3B - Item 1 Batch B

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.08g/100mL		Mean
2VHCQ4	0.0739	0.0750			0.0745
3P7TYN	0.0791	0.7840			0.4316 X
3P9B6Z	0.0778	0.0770			0.0774
3XJKPL	0.0880	0.0890	0.0910	0.0890	0.0893
4TZ3Q2	0.0798	0.0790			0.0794
683T8Z	0.0743	0.0739			0.0741
6G9H4J	0.0730	0.0740			0.0735
6Y4BPG	0.0726	0.0719	0.0713		0.0719
6ZXY6R	0.0800	0.0800			0.0800
76LZNG	0.0758	0.0744	0.0754	0.0746	0.0751
7N6RVU	0.0751	0.0746			0.0749
7R47GX	0.0767	0.0769			0.0768
8GWTRG	0.0760	0.0760	0.0760	0.0760	0.0760
8M2URC	0.0760	0.0760	0.0760	0.0760	0.0770
8NHQHP	0.0680	0.0680	0.0690	0.0690	0.0685
8YFKYU	0.0733	0.0752			0.0743
AVP4EC	0.0761	0.0775	0.0710	0.0830	0.0769
AXWLBM	0.0750	0.0750			0.0750
B8EM7M	0.0749	0.0756	0.0767	0.0784	0.0764
BLH2BQ	0.0744	0.0736			0.0740
BLWD8A	0.0764	0.0751	0.0762	0.0751	0.0757
CAZLZB	0.0750	0.0740	0.0750	0.0750	0.0748
CJQ86A	0.0730	0.0750			0.0740
CNJ6ZR	0.0782	0.0783			0.0783
CVKNUB	0.0800	0.0790			0.0795
DH8L9C	0.0700	0.0710			0.0705
DJL72M	0.0735	0.0722			0.0729
GZXA9	0.0750	0.0750			0.0750
H3KW2C	0.0750	0.0745			0.0748
HDMA6J	0.0757	0.0750			0.0754
J3CCQE	0.0760	0.0740			0.0750
J8D9KF	0.0735	0.0743			0.0739
JADQD2	0.0760	0.0740	0.0770		0.0757
JQ7CZG	0.0733	0.0734			0.0734
JQ7EQK	0.0765	0.0766			0.0766
KMFGVY	0.0782	0.0780	0.0749	0.0738	0.0762
KUHJ2K	0.0725	0.0730			0.0728
LV8EXT	0.0706	0.0717			0.0712
M4HXUW	0.0750	0.0750			0.0750
M7J493	0.0740	0.0742			0.0741
NBV9K3	0.0765	0.0758			0.0762
NKKUQ2	0.0766	0.0772			0.0769

TABLE 3B - Item 1 Batch B

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.08g/100mL						Mean
NNGLYX	0.0808	0.0805							0.0807
PZVQTZ	0.0736	0.0744	0.0683	0.0692					0.0714
QFZP7W	0.0792	0.0783	0.0780						0.0785
QWPW4U	0.0749	0.0755	0.0723	0.0715					0.0736
R6WUNR	0.0710	0.0745	0.0758	0.0733					0.0737
R7N66C	0.0775	0.0769							0.0772
RFHXT7	0.0716	0.0713							0.0715
RJWRA3	0.0757	0.0755							0.0756
RMZJLA	0.0753	0.0757							0.0755
UHX7V3	0.0790	0.0760	0.0790	0.0780					0.0780
UQREFT	0.0650	0.0780	0.0620	0.0620					0.0668
UZWLVT	0.0790	0.0800							0.0795
V7JPKB	0.0728	0.0717							0.0723
VB8DYT	0.0790	0.0790	0.0790	0.0800					0.0793
VM2UMU	0.0700	0.0690							0.0695
VMM7NN	0.0770	0.0770	0.0770						0.0770
XHHE9L	0.0750	0.0750	0.0770	0.0750	0.0780	0.0730	0.0780	0.0740	0.0756
XUTPXX	0.0760	0.0760							0.0760
YLVE4T	0.0762	0.0760							0.0761
ZCPW6U	0.0741	0.0737							0.0739
ZFMDHN	0.0730	0.0720							0.0725

Statistical Analysis for Item 1 Batch B

Grand Mean	0.0752	Number of Participants Included	62	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0033	Number of Participants Excluded	1		

TABLE 3B - Item 2 Batch B

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.03g/100mL		Mean	
2VHCQ4	0.0244	0.0246			0.0245	
3P7TYN	0.0263	0.0259			0.0261	
3P9B6Z	0.0263	0.0265			0.0264	
3XJKPL	0.0290	0.0300	0.0340	0.0270	0.0300	
4TZ3Q2	0.0263	0.0265			0.0264	
683T8Z	0.0245	0.0250			0.0248	
6G9H4J	0.0220	0.0220			0.0220	
6Y4BPG	0.0256	0.0258	0.0253		0.0256	
6ZXY6R	0.0210	0.0200			0.0205	
76LZNG	0.0256	0.0250	0.0255	0.0250	0.0253	
7N6RVU	0.0248	0.0242			0.0245	
7R47GX	0.0261	0.0264			0.0263	
8GWTRG	0.0260	0.0260	0.0250	0.0250	0.0255	
8M2URC	0.0240	0.0240	0.0240	0.0250	0.0250	0.0244
8NHQHP	0.0220	0.0220	0.0200	0.0200	0.0210	
8YFKYU	0.0251	0.0252			0.0252	
AVP4EC	0.0232	0.0237	0.0231	0.0238	0.0235	
AXWLBM	0.0280	0.0280			0.0280	
B8EM7M	0.0279	0.0297	0.0273	0.0291	0.0285	
BLH2BQ	0.0236	0.0232			0.0234	
BLWD8A	0.0229	0.0232	0.0227	0.0230	0.0230	
CAZLZB	0.0250	0.0250	0.0250	0.0250	0.0250	
CJQ86A	0.0230	0.0220			0.0225	
CNJ6ZR	0.0273	0.0275			0.0274	
CVKNUB	0.0210	0.0210			0.0210	
DH8L9C	0.0240	0.0230			0.0235	
DJL72M	0.0249	0.0250			0.0250	
GZXA9	0.0220	0.0220			0.0220	
H3KW2C	0.0227	0.0220			0.0224	
HDMA6J	0.0248	0.0248			0.0248	
J3CCQE	0.0270	0.0260			0.0265	
J8D9KF	0.0261	0.0251			0.0256	
JADQD2	0.0230	0.0230	0.0230		0.0230	
JQ7CZG	0.0232	0.0233			0.0233	
JQ7EQK	0.0261	0.0263			0.0262	
KMFGVY	0.0222	0.0225	0.0219	0.0216	0.0221	
KUHJ2K	0.0243	0.0250			0.0247	
LV8EXT	0.0236	0.0243			0.0240	
M4HXUW	0.0250	0.0250			0.0250	
M7J493	0.0249	0.0247			0.0248	
NBV9K3	0.0242	0.0244			0.0243	
NKKUQ2	0.0257	0.0257			0.0257	

TABLE 3B - Item 2 Batch B

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.03g/100mL				Mean	
NNGLYX	0.0246	0.0247					0.0246	
PZVQTZ	0.0211	0.0202	0.0211	0.0201			0.0206	
QFZP7W	0.0361	0.0302	0.0298				0.0320	
QWPW4U	0.0251	0.0250	0.0250	0.0248			0.0250	
R6WUNR	0.0234	0.0238	0.0238	0.0240			0.0238	
R7N66C	0.0260	0.0268					0.0264	
RFHXT7	0.0217	0.0218					0.0218	
RJWRA3	0.0238	0.0237					0.0238	
RMZJLA	0.0239	0.0242					0.0241	
UHX7V3	0.0260	0.0270	0.0270	0.0260			0.0265	
UQREFT	0.0290	0.0290	0.0210	0.0210			0.0250	
UZWLVT	0.0260	0.0260					0.0260	
V7JPKB	0.0241	0.0242					0.0242	
VB8DYT	0.0280	0.0280	0.0280	0.0280			0.0280	
VM2UMU	0.0220	0.0220					0.0220	
VMM7NN	0.0230	0.0230	0.0230				0.0230	
XHHE9L	0.0270	0.0260	0.0270	0.0260	0.0250	0.0250	0.0250	0.0258
XUTPXX	0.0270	0.0260					0.0265	
YLVE4T	0.0250	0.0251					0.0251	
ZCPW6U	0.0253	0.0253					0.0253	
ZFMDHN	0.0220	0.0220					0.0220	

Statistical Analysis for Item 2 Batch B

Grand Mean	0.0247	Number of Participants Included	63	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0022	Number of Participants Excluded	0		

TABLE 3B - Item 3 Batch B

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.24g/100mL		Mean	
2VHCQ4	0.2426	0.2412			0.2419	
3P7TYN	0.2435	0.2419			0.2427	
3P9B6Z	0.2380	0.2447			0.2414	
3XJKPL	0.2520	0.2490	0.2430	0.2690	0.2533	
4TZ3Q2	0.2518	0.2445			0.2482	
683T8Z	0.2388	0.2400			0.2394	
6G9H4J	0.2450	0.2440			0.2445	
6Y4BPG	0.2228	0.2224	0.2241		0.2231	
6ZXY6R	0.2460	0.2400			0.2430	
76LZNG	0.2351	0.2312	0.2358	0.2322	0.2336	
7N6RVU	0.2312	0.2346			0.2329	
7R47GX	0.2352	0.2374			0.2363	
8GWTRG	0.2270	0.2280	0.2250	0.2240	0.2260	
8M2URC	0.2370	0.2380	0.2380	0.2380	0.2400	0.2382
8NHQHP	0.2150	0.2130	0.2150	0.2150	0.2145	
8YFKYU	0.2273	0.2267			0.2270	
AVP4EC	0.2533	0.2529	0.2439	0.2359	0.2465	
AXWLBM	0.2330	0.2320			0.2325	
B8EM7M	0.2282	0.2274	0.2283	0.2279	0.2280	
BLH2BQ	0.2199	0.2279			0.2239	
BLWD8A	0.2396	0.2411	0.2425	0.2421	0.2413	
CAZLZB	0.2360	0.2370	0.2360	0.2350	0.2360	
CJQ86A	0.2370	0.2370			0.2370	
CNJ6ZR	0.2401	0.2404			0.2403	
CVKNUB	0.2520	0.2490			0.2505	
DH8L9C	0.2240	0.2190			0.2215	
DJL72M	0.2285	0.2263			0.2274	
GZXA9	0.2420	0.2420			0.2420	
H3KW2C	0.2342	0.2337			0.2340	
HDMA6J	0.2301	0.2312			0.2307	
J3CCQE	0.2320	0.2350			0.2335	
J8D9KF	0.2264	0.2273			0.2269	
JADQD2	0.2370	0.2370	0.2440		0.2393	
JQ7CZG	0.2321	0.2322			0.2322	
JQ7EQK	0.2350	0.2353			0.2352	
KMFGVY	0.2465	0.2487	0.2441	0.2410	0.2451	
KUHJ2K	0.2325	0.2374			0.2350	
LV8EXT	0.2225	0.2246			0.2236	
M4HXUW	0.2280	0.2280			0.2280	
M7J493	0.2304	0.2319			0.2312	
NBV9K3	0.2347	0.2347			0.2347	
NKKUQ2	0.2390	0.2420			0.2405	

TABLE 3B - Item 3 Batch B

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.24g/100mL						Mean
NNGLYX	0.2315	0.2435							0.2375
PZVQTZ	0.2316	0.2305	0.2324	0.2317					0.2316
QFZP7W	0.2389	0.2303	0.2252						0.2315
QWPW4U	0.2221	0.2218	0.2265	0.2264					0.2242
R6WUNR	0.2364	0.2363	0.2386	0.2377					0.2373
R7N66C	0.2397	0.2397							0.2397
RFHXT7									
RJWRA3	0.2343	0.2318							0.2330
RMZJLA	0.2326	0.2344							0.2335
UHX7V3	0.2280	0.2300	0.2360	0.2300					0.2310
UQREFT	0.1860	0.1970	0.1900	0.1980					0.1928
UZWLVT	0.2460	0.2500							0.2480
V7JPKB	0.2327	0.2403							0.2365
VB8DYT	0.2460	0.2450	0.2480	0.2480					0.2468
VM2UMU	0.2140	0.2170							0.2155
VMM7NN	0.2400	0.2480	0.2440						0.2440
XHHE9L	0.2380	0.2350	0.2400	0.2360	0.2340	0.2330	0.2340	0.2320	0.2353
XUTPXX	0.2400	0.2320							0.2360
YLVE4T	0.2352	0.2354							0.2353
ZCPW6U	0.2254	0.2292							0.2273
ZFMDHN	0.2390	0.2360							0.2375

Statistical Analysis for Item 3 Batch B

Grand Mean	0.2345	Number of Participants Included	62	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	1
Standard Deviation	0.0097	Number of Participants Excluded	0		

TABLE 3B - Item 4 Batch B

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.14g/100mL		Mean
2VHCQ4	0.1326	0.1336			0.1331
3P7TYN	0.1380	0.1386			0.1383
3P9B6Z	0.1355	0.1391			0.1373
3XJKPL	0.1490	0.1610	0.1530	0.1510	0.1535
4TZ3Q2	0.1409	0.1394			0.1402
683T8Z	0.1339	0.1328			0.1334
6G9H4J	0.1360	0.1360			0.1360
6Y4BPG	0.1278	0.1288	0.1292		0.1286
6ZXY6R	0.1340	0.1330			0.1335
76LZNG	0.1333	0.1315	0.1328	0.1312	0.1322
7N6RVU	0.1328	0.1307			0.1318
7R47GX	0.1329	0.1331			0.1330
8GWTRG	0.1320	0.1320	0.1300	0.1290	0.1308
8M2URC	0.1340	0.1350	0.1360	0.1370	0.1362
8NHQHP	0.1230	0.1220	0.1220	0.1220	0.1223
8YFKYU	0.1303	0.1308			0.1306
AVP4EC	0.1409	0.1247	0.1362	0.1410	0.1357
AXWLBM	0.1320	0.1330			0.1325
B8EM7M	0.1215	0.1221	0.1299	0.1304	0.1260
BLH2BQ	0.1299	0.1251			0.1275
BLWD8A	0.1444	0.1428	0.1434	0.1420	0.1432
CAZLZB	0.1340	0.1340	0.1330	0.1330	0.1335
CJQ86A	0.1410	0.1370			0.1390
CNJ6ZR	0.1371	0.1373			0.1372
CVKNUB	0.1350	0.1370			0.1360
DH8L9C	0.1290	0.1290			0.1290
DJL72M	0.1306	0.1288			0.1297
GZXA9	0.1360	0.1350			0.1355
H3KW2C	0.1307	0.1294			0.1301
HDMA6J	0.1343	0.1296			0.1320
J3CCQE	0.1330	0.1310			0.1320
J8D9KF	0.1295	0.1291			0.1293
JADQD2	0.1350	0.1330	0.1350		0.1343
JQ7CZG	0.1304	0.1301			0.1303
JQ7EQK	0.1347	0.1341			0.1344
KMFGVY	0.1329	0.1350	0.1360	0.1367	0.1352
KUHJ2K	0.1327	0.1329			0.1328
LV8EXT	0.1254	0.1271			0.1263
M4HXUW	0.1310	0.1310			0.1310
M7J493	0.1313	0.1307			0.1310
NBV9K3	0.1363	0.1340			0.1352
NKKUQ2	0.1353	0.1348			0.1351

TABLE 3B - Item 4 Batch B

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.14g/100mL						Mean
NNGLYX	0.1418	0.1422							0.1420
PZVQTZ	0.1290	0.1293	0.1293	0.1293					0.1292
QFZP7W	0.1390	0.1372	0.1408						0.1390
QWPW4U	0.1272	0.1269	0.1278	0.1276					0.1274
R6WUNR	0.1384	0.1381	0.1442	0.1386					0.1398
R7N66C	0.1361	0.1355							0.1358
RFHXT7									
RJWRA3	0.1351	0.1344							0.1348
RMZJLA	0.1310	0.1310							0.1310
UHX7V3	0.1340	0.1330	0.1360	0.1320					0.1338
UQREFT	0.1250	0.1160	0.1190	0.1140					0.1185
UZWLVT	0.1410	0.1400							0.1405
V7JPKB	0.1305	0.1328							0.1317
VB8DYT	0.1400	0.1400	0.1420	0.1420					0.1410
VM2UMU	0.1260	0.1240							0.1250
VMM7NN	0.1410	0.1410	0.1400						0.1407
XHHE9L	0.1310	0.1330	0.1330	0.1330	0.1330	0.1320	0.1320	0.1310	0.1323
XUTPXX	0.1320	0.1320							0.1320
YLVE4T	0.1336	0.1343							0.1340
ZCPW6U	0.1282	0.1298							0.1290
ZFMDHN	0.1330	0.1330							0.1330

Statistical Analysis for Item 4 Batch B

Grand Mean	0.1335	Number of Participants Included	62	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	1
Standard Deviation	0.0054	Number of Participants Excluded	0		

TABLE 3B - Response Summary for Batch B

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation	0.08	0.03	0.24	0.14
Grand Mean	0.0752	0.0247	0.2345	0.1335
Standard Deviation	0.0033	0.0022	0.0097	0.0054

TABLE 3C - Item 1 Batch C

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.08g/100mL			Mean
34KTVE	0.0760	0.0750				0.0755
6JD6J9	0.0790	0.0760				0.0775
6N78KM	0.0790	0.0800				0.0795
6RNMYL	0.0754	0.0752	0.0743	0.0743		0.0748
72Q9FK	0.0793	0.0799				0.0796
7EVKVK	0.0725	0.0732	0.0718	0.0723		0.0725
7F9YG9	0.0780	0.0770				0.0775
87F4UX	0.0740	0.0750				0.0745
9AVX9A	0.0730	0.0710				0.0720
9JGYQ6	0.0760	0.0770				0.0765
9LKUA8						
9NQEX8	0.0742	0.0745	0.0753	0.0760		0.0750
A7RMRZ	0.0800	0.0800				0.0800
A8L8J7	0.0760	0.0760	0.0770			0.0763
AE4JW7	0.0676	0.0674	0.0677	0.0674		0.0675
AMWU82	0.0700	0.0690				0.0695
B4HYPF	0.0823	0.0829				0.0826
B6BMBV	0.0741	0.0755	0.0741			0.0746
BTH7LV	0.0760	0.0770	0.0820	0.0810		0.0790
C3FN8G	0.0733	0.0733	0.0727	0.0728		0.0730
CC4GKY	0.0770	0.0770				0.0770
CQLAA7	0.0733	0.0729	0.0738	0.0743		0.0736
D28QLD	0.0770	0.0769	0.0762	0.0762		0.0766
DT993U						
DVEQ2Q	0.0798	0.0791	0.0788	0.0807		0.0796
EVUAJ3	0.0770	0.0760				0.0765
GJ9PCB	0.0770	0.0770				0.0770
HX7GBK	0.0729	0.0738	0.0665			0.0711
J2HLMK	0.0710	0.0760	0.0750			0.0740
KZ4JDR	0.0750	0.0760	0.0780	0.0760		0.0763
LB2WV4	0.0727	0.0730	0.0728	0.0725		0.0728
LVP4JT	0.0770	0.0760				0.0765
M996EQ	0.0696	0.0695				0.0696
N97ZDM	0.0687	0.0692				0.0690
NQQNMH	0.0740	0.0740				0.0740
Q2VN9L	0.0775	0.0777				0.0776
QNB7FH	0.0700	0.0700	0.0700	0.0700		0.0700
QT66UD	0.0720	0.0720				0.0720
RG8LQR	0.0760	0.0770				0.0765
T2RKU2	0.0711	0.0718	0.0710	0.0715		0.0714
TGNZWF	0.0770	0.0810	0.0770	0.0760	0.0780	0.0778
TV4X2G	0.0769	0.0789				0.0779

TABLE 3C - Item 1 Batch C

WebCode	Item 1 (g/100mL)				Preparation Target BAC : 0.08g/100mL	Mean
TWYJTL	0.0792	0.0782	0.0793	0.0783		0.0787
TY4BKZ	0.0777	0.0785				0.0781
U7YLEV	0.0708	0.0713	0.0711	0.0716		0.0712
URJNAU	0.0705	0.0704	0.0712	0.0713		0.0709
UVX6HY	0.0708	0.0716	0.0712	0.0717		0.0713
VWCULB						
XQE8PT	0.0718	0.0720	0.0719	0.0726		0.0721
Y7JXYB	0.0720	0.0720				0.0720
Y8DQUU	0.0707	0.0716	0.0707	0.0720		0.0713
YV8NER	0.0727	0.0726	0.0709	0.0707		0.0717

Statistical Analysis for Item 1 Batch C				
Grand Mean	0.0747	Number of Participants Included	49	Number of Participants without 3 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0034	Number of Participants Excluded	0	

TABLE 3C - Item 2 Batch C

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.03g/100mL			Mean
34KTVE	0.0240	0.0240				0.0240
6JD6J9	0.0260	0.0260				0.0260
6N78KM	0.0240	0.0240				0.0240
6RNMYL	0.0212	0.0212	0.0211	0.0211		0.0212
72Q9FK	0.0263	0.0265				0.0264
7EVKVK	0.0201	0.0207	0.0203	0.0210		0.0205
7F9YG9	0.0300	0.0300				0.0300
87F4UX	0.0240	0.0240				0.0240
9AVX9A	0.0250	0.0250				0.0250
9JGYQ6	0.0270	0.0280				0.0275
9LKUA8						
9NQEX8	0.0201	0.0202	0.0205	0.0206		0.0204
A7RMRZ	0.0360	0.0340				0.0350
A8L8J7	0.0240	0.0250	0.0250	0.0240		0.0245
AE4JW7	0.0191	0.0190	0.0186	0.0188		0.0189
AMWU82	0.0200	0.0200				0.0200
B4HYPF	0.0274	0.0275				0.0275
B6BMBV	0.0268	0.0260	0.0256			0.0261
BTH7LV	0.0250	0.0260	0.0280	0.0280		0.0268
C3FN8G	0.0214	0.0210	0.0228	0.0222		0.0219
CC4GKY	0.0240	0.0240				0.0240
CQLAA7	0.0224	0.0224	0.0227	0.0227		0.0226
D28QLD	0.0212	0.0223	0.0213	0.0221		0.0217
DT993U						
DVEQ2Q	0.0262	0.0266	0.0261	0.0263		0.0263
EVUAJ3	0.0260	0.0250				0.0255
GJ9PCB	0.0250	0.0250				0.0250
HX7GBK	0.0105	0.0100	0.0136			0.0113
J2HLMK	0.0250	0.0230	0.0210			0.0230
KZ4JDR	0.0250	0.0230	0.0240	0.0250		0.0243
LB2WV4	0.0219	0.0227	0.0216	0.0226		0.0222
LVP4JT	0.0270	0.0270				0.0270
M996EQ	0.0254	0.0258				0.0256
N97ZDM	0.0214	0.0212				0.0213
NQQNMH	0.0230	0.0230				0.0230
Q2VN9L	0.0251	0.0254				0.0253
QNB7FH	0.0200	0.0200	0.0200	0.0200		0.0200
QT66UD	0.0220	0.0230				0.0225
RG8LQR	0.0240	0.0240				0.0240
T2RKU2	0.0204	0.0206	0.0201	0.0207		0.0205
TGNZWF	0.0310	0.0350	0.0320	0.0260	0.0270	0.0302
TV4X2G	0.0254	0.0256				0.0255

TABLE 3C - Item 2 Batch C

WebCode	Item 2 (g/100mL)				Preparation Target BAC : 0.03g/100mL	Mean
TWYJTL	0.0271	0.0277	0.0271	0.0277		0.0274
TY4BKZ	0.0260	0.0256				0.0258
U7YLEV	0.0203	0.0214	0.0197	0.0208		0.0206
URJNAU	0.0204	0.0208	0.0206	0.0207		0.0206
UVX6HY	0.0200	0.0207	0.0200	0.0207		0.0204
VWCULB						
XQE8PT	0.0203	0.0204	0.0203	0.0205		0.0204
Y7JXYB	0.0210	0.0210				0.0210
Y8DQUU	0.0204	0.0212	0.0197	0.0211		0.0206
YV8NER	0.0208	0.0209	0.0206	0.0206		0.0207

Statistical Analysis for Item 2 Batch C

Grand Mean	0.0236	Number of Participants Included	49	Number of Participants without 3 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0037	Number of Participants Excluded	0	

TABLE 3C - Item 3 Batch C

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.24g/100mL		Mean	
34KTVE	0.2310	0.2290			0.2300	
6JD6J9	0.2280	0.2300			0.2290	
6N78KM	0.2380	0.2350			0.2365	
6RNMYL	0.2440	0.2458	0.2424	0.2432	0.2439	
72Q9FK	0.2359	0.2370			0.2365	
7EVKVK	0.2437	0.2403	0.2459	0.2415	0.2429	
7F9YG9	0.2300	0.2300			0.2300	
87F4UX	0.2280	0.2340			0.2310	
9AVX9A	0.2190	0.2190			0.2190	
9JGYQ6	0.2240	0.2290			0.2265	
9LKUA8						
9NQEX8	0.2511	0.2526	0.2530	0.2556	0.2531	
A7RMRZ	0.2500	0.2490			0.2495	
A8L8J7	0.2320	0.2330	0.2320	0.2310	0.2320	
AE4JW7	0.2281	0.2271	0.2299	0.2293	0.2286	
AMWU82	0.2290	0.2230			0.2260	
B4HYPF	0.2452	0.2488			0.2470	
B6BMBV	0.2203	0.2096	0.2187		0.2162	
BTH7LV	0.2310	0.2280	0.2410	0.2400	0.2350	
C3FN8G	0.2340	0.2423	0.2336	0.2417	0.2379	
CC4GKY	0.2410	0.2410			0.2410	
CQLAA7	0.2265	0.2254	0.2269	0.2299	0.2272	
D28QLD	0.2516	0.2472	0.2523	0.2482	0.2498	
DT993U						
DVEQ2Q	0.2390	0.2440	0.2410	0.2440	0.2420	
EVUJ3	0.2250	0.2270			0.2260	
GJ9PCB	0.2290	0.2250			0.2270	
HX7GBK	0.2600	0.2680	0.2962		0.2747	
J2HLMK	0.2300	0.2270	0.2290		0.2287	
KZ4JDR	0.2620	0.2590	0.2560	0.2780	0.2638	
LB2WV4	0.2373	0.2351	0.2359	0.2324	0.2352	
LVP4JT	0.2300	0.2330			0.2315	
M996EQ	0.2190	0.2272			0.2231	
N97ZDM	0.2167	0.2149			0.2158	
NQQNMH	0.2300	0.2300			0.2300	
Q2VN9L	0.2389	0.2393			0.2391	
QNB7FH	0.2310	0.2280	0.2320	0.2290	0.2300	
QT66UD	0.2220	0.2260			0.2240	
RG8LQR	0.2340	0.2370			0.2355	
T2RKU2	0.2357	0.2407	0.2349	0.2396	0.2377	
TGNZWF	0.2360	0.2300	0.2310	0.2270	0.2260	0.2300
TV4X2G	0.2435	0.2507			0.2471	

TABLE 3C - Item 3 Batch C

WebCode	Item 3 (g/100mL)				Preparation Target BAC : 0.24g/100mL	Mean
TWYJTL	0.2363	0.2387	0.2372	0.2395		0.2379
TY4BKZ	0.2342	0.2345				0.2344
U7YLEV	0.2327	0.2337	0.2315	0.2324		0.2326
URJNAU	0.2354	0.2348	0.2346	0.2339		0.2347
UVX6HY	0.2349	0.2404	0.2353	0.2408		0.2379
VWCULB						
XQE8PT	0.2424	0.2444	0.2410	0.2437		0.2429
Y7JXYB	0.2350	0.2350				0.2350
Y8DQUU	0.2374	0.2351	0.2375	0.2348		0.2362
YV8NER	0.2387	0.2397	0.2368	0.2378		0.2383

Statistical Analysis for Item 3 Batch C

Grand Mean	0.2355	Number of Participants Included	49	Number of Participants without 3 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0109	Number of Participants Excluded	0	

TABLE 3C - Item 4 Batch C

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.14g/100mL			Mean
34KTVE	0.1320	0.1300				0.1310
6JD6J9	0.1280	0.1310				0.1295
6N78KM	0.1360	0.1340				0.1350
6RNMYL	0.1399	0.1404	0.1390	0.1393		0.1397
72Q9FK	0.1368	0.1364				0.1366
7EVKVK	0.1331	0.1326	0.1334	0.1326		0.1329
7F9YG9	0.1330	0.1320				0.1325
87F4UX	0.1280	0.1320				0.1300
9AVX9A	0.1210	0.1250				0.1230
9JGYQ6	0.1280	0.1290				0.1285
9LKUA8						
9NQEX8	0.1411	0.1416	0.1417	0.1419		0.1416
A7RMRZ	0.1400	0.1390				0.1395
A8L8J7	0.1320	0.1320	0.1280			0.1307
AE4JW7	0.1271	0.1270	0.1259	0.1276		0.1269
AMWU82	0.1260	0.1260				0.1260
B4HYPF	0.1405	0.1424				0.1415
B6BMBV	0.1283	0.1249	0.1262			0.1265
BTH7LV	0.1320	0.1330	0.1380	0.1390		0.1355
C3FN8G	0.1355	0.1377	0.1309	0.1330		0.1343
CC4GKY	0.1350	0.1350				0.1350
CQLAA7	0.1295	0.1294	0.1307	0.1296		0.1298
D28QLD	0.1389	0.1377	0.1388	0.1378		0.1383
DT993U						
DVEQ2Q	0.1320	0.1370	0.1330	0.1340		0.1340
EVUAJ3	0.1280	0.1290				0.1285
GJ9PCB	0.1320	0.1370				0.1345
HX7GBK	0.1421	0.1364	0.1518			0.1434
J2HLMK	0.1400	0.1510	0.1420			0.1443
KZ4JDR	0.1390	0.1410	0.1420	0.1480		0.1425
LB2WV4	0.1317	0.1296	0.1316	0.1287		0.1304
LVP4JT	0.1300	0.1360				0.1330
M996EQ	0.1230	0.1207				0.1218
N97ZDM	0.1233	0.1241				0.1237
NQQNMH	0.1300	0.1300				0.1300
Q2VN9L	0.1358	0.1361				0.1360
QNB7FH	0.1300	0.1320	0.1310	0.1300		0.1308
QT66UD	0.1240	0.1280				0.1260
RG8LQR	0.1360	0.1360				0.1360
T2RKU2	0.1301	0.1322	0.1298	0.1327		0.1312
TGNZWF	0.1350	0.1400	0.1370	0.1300	0.1360	0.1356
TV4X2G	0.1395	0.1379				0.1387

TABLE 3C - Item 4 Batch C

WebCode	Item 4 (g/100mL)				Preparation Target BAC : 0.14g/100mL	Mean
TWYJTL	0.1356	0.1361	0.1357	0.1347		0.1355
TY4BKZ	0.1381	0.1379				0.1380
U7YLEV	0.1305	0.1312	0.1297	0.1303		0.1304
URJNAU	0.1309	0.1307	0.1305	0.1310		0.1308
UVX6HY	0.1307	0.1327	0.1301	0.1322		0.1314
VWCULB						
XQE8PT	0.1323	0.1336	0.1333	0.1341		0.1333
Y7JXYB	0.1300	0.1300				0.1300
Y8DQUU	0.1324	0.1319	0.1307	0.1308		0.1315
YV8NER	0.1347	0.1351	0.1341	0.1343		0.1346

Statistical Analysis for Item 4 Batch C

Grand Mean	0.1331	Number of Participants Included	49	Number of Participants without 3 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0053	Number of Participants Excluded	0	

TABLE 3C - Response Summary for Batch C

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation	0.08	0.03	0.24	0.14
Grand Mean	0.0747	0.0236	0.2355	0.1331
Standard Deviation	0.0034	0.0037	0.0109	0.0053

Method of Analysis

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-24BMYD	✓			
A-2AZZZ2	✓			
A-2HQHGV	✓			
A-38NMXQ	✓			
A-4L6ZNQ	✓			
A-4UVKUN	✓			
A-6EGG79	✓			
A-6UCYV7	✓			
A-7EGYJW	✓			
A-7GJWT6	✓			
A-7R3973	✓			
A-8HVTX9		✓		
A-8PCNFN	✓			
A-8RZXPP	✓			
A-93EFXM	✓			
A-ANN3WW	✓			
A-BFC7UC	✓			
A-BH2E2R	✓			
A-BXDXPL	✓			
A-C8XGTH	✓			
A-CQ6W4G	✓			
A-CTTMXY	✓			
A-D63F3K	✓			
A-DLBCJX	✓			
A-F4K9U9	✓			
A-FMYMAH	✓			

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-FTZY6E	✓			
A-GYLEAC	✓			
A-HBW4M8	✓			
A-HJ93EX	✓			
A-HR43VB	✓			
A-J94E3Q		✓		
A-KNG6H6	✓			
A-KX3CDN	✓			
A-KXGXPB	✓			
A-LDP9RN	✓			
A-NVHTJT	✓			
A-NXCG69	✓			
A-P27XRM	✓			
A-PAWG9G	✓			
A-PMPZP8		✓		
A-PUMP9W	✓			
A-Q4NG46	✓			
A-Q8MNT9		✓		
A-QNELV4	✓			
A-R2FJGE	✓			
A-RCW7QF	✓			
A-UPDZU6		✓		
A-VU26ZE	✓			
A-WNUZNK	✓			
A-WUHFGX	✓			
A-XT3GYU	✓			
A-XZ27FY	✓			

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-YUXJ4P	✓			
A-YXWXNT	✓			
A-ZZEG6G	✓			
B-2VHCQ4	✓			
B-3P7TYN	✓			
B-3P9B6Z	✓			
B-3XJKPL	✓			
B-4TZ3Q2	✓			
B-683T8Z	✓			
B-6G9H4J		✓		
B-6Y4BPG		✓		
B-6ZXY6R	✓			
B-76LZNG	✓			
B-7N6RVU	✓			
B-7R47GX	✓			
B-8GWTRG	✓			
B-8M2URC	✓			
B-8NHQHP	✓		✓	
B-8YFKYU	✓			
B-AVP4EC		✓		
B-AXWLBM	✓			
B-B8EM7M	✓			
B-BLH2BQ	✓			
B-BLWD8A	✓			
B-CAZLZB		✓		
B-CJQ86A		✓		
B-CNJ6ZR	✓			

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
B-CVKNUB		✓		
B-DH8L9C	✓			
B-DJL72M	✓			
B-GZXA9	✓			
B-H3KW2C	✓			
B-HDMA6J	✓			
B-J3CCQE	✓			
B-J8D9KF	✓			
B-JADQD2	✓			
B-JQ7CZG	✓			
B-JQ7EQK	✓			
B-KMFGVY	✓			
B-KUHJ2K	✓			
B-LV8EXT	✓			
B-M4HXUW		✓		
B-M7J493	✓			
B-NBV9K3	✓			
B-NKKUQ2	✓			
B-NNGLYX		✓		
B-PZVQTZ	✓			
B-QFZP7W	✓			
B-QWPW4U	✓			
B-R6WUNR	✓			
B-R7N66C	✓			
B-RFHXT7	✓			
B-RJWRA3	✓			
B-RMZJLA	✓			

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
B-UHX7V3			✓	
B-UQREFT	✓			
B-UZWLV		✓		
B-V7JPKB	✓			
B-VB8DYT	✓			
B-VM2UMU	✓			
B-VMM7NN	✓			
B-XHHE9L	✓			
B-XUTPXX		✓		
B-YLVE4T	✓			
B-ZCPW6U	✓			
B-ZFMDHN	✓			
C-34KTVE	✓			
C-6JD6J9	✓			
C-6N78KM	✓			
C-6RNMYL	✓			
C-72Q9FK				Headspace GC/FID
C-7EVKVK	✓			
C-7F9YG9	✓			
C-87F4UX		✓		
C-9AVX9A	✓			
C-9JGYQ6	✓			
C-9LKUA8	✓			
C-9NQEX8	✓			
C-A7RMRZ				Oxidation-Diffusion
C-A8L8J7	✓			
C-AE4JW7	✓			

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
C-AMWU82	✓			
C-B4HYPF	✓			
C-B6BMBV	✓			
C-BTH7LV	✓			
C-C3FN8G	✓			
C-CC4GKY	✓			
C-CQLAA7	✓			
C-D28QLD	✓			
C-DT993U	✓			
C-DVEQ2Q	✓			
C-EVUAJ3	✓			
C-GJ9PCB	✓			
C-HX7GBK	✓			
C-J2HLMK				Headspace GC/MS
C-KZ4JDR	✓			
C-LB2WV4	✓			
C-LVP4JT	✓			
C-M996EQ	✓			
C-N97ZDM	✓			
C-NQQNMH	✓			
C-Q2VN9L	✓			
C-QNB7FH		✓		
C-QT66UD	✓			
C-RG8LQR	✓			
C-T2RKU2	✓			
C-TGNZWF		✓		
C-TV4X2G		✓		

TABLE 4

Batch - WebCode	Method of Analysis			
	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
C-TWYJTL	✓			
C-TY4BKZ				Headspace GC/FID
C-U7YLEV	✓			
C-URJNAU	✓			
C-UVX6HY	✓			
C-VWCULB	✓			
C-XQE8PT	✓			
C-Y7JXYB	✓			
C-Y8DQUU	✓			
C-YV8NER	✓			

Response Summary			
Participants	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase
171	147	19	2
Percent	86.0%	11.1%	1.2%

Additional Comments

TABLE 5

Batch - WebCode	Additional Comments
A-7GJWT6	Uncertainty of measurements for results equal to or greater than 0.050 use K=3 at 6.3%. Results of 0.049 or less have a uncertainty of measurements for K=3 of 19%. [From Table 3: Raw Data & Statistical Analysis - Raw data entered as "Item 1: 0.075 +/-0.005, 0.075 +/-0.005; Item 2: 0.024 +/-0.005, 0.023 +/-0.004; Item 3: 0.236 +/-0.015; 0.235 +/-0.015; Item 4: 0.137 +/-0.009, 0.136 +/-0.009"]
A-8HVTX9	Blood is diluted in a mixture of n-propanol/water/sodium tungstate prior to analysis by GC.
A-8PCNFN	The estimated uncertainty of measurement is reported at a minimum coverage probability of 94.45%.
A-CTTMYX	Samples were analyzed on 10/1/2014 and 10/2/2014.
A-D63F3K	The uncertainty of measurement of the reported results is +/- 5%, rounded up.
A-DLBCJX	Samples were analyzed on two separate days: 2014-09-09 and 2014-09-10.
A-FMYMAH	Uncertainty of measurement (5% at 3 standard deviations) is calculated from the mean of several determinations, rounded up and truncated to three decimal places, and reported in the same units as results. Ethyl alcohol indicated with values of less than 0.020 g/100cc but greater than 0.000 g/100cc, are reported as "below reportable limit". This report contains opinions and interpretations of the analyst based on scientific data.
A-LDP9RN	HSGC #8
A-NVHTJT	Analyses were performed over multiple days (9/10/2014, 10/02/2014, 10/10/2014, 10/14/2014).
A-XZ27FY	The estimated uncertainty of measurement is reported at a coverage probability of 95.45%.
B-76LZNG	The above results [Table 3B - Item 1, 2, 3, 4 Batch B] are true analytical values. Routine drink-drive results are reduced by 6% (if the analytical mean is 0.1 g/100mL or greater) or 0.006 g/100 mL (if the analytical mean is less than 0.1 g/100mL) and the reported value is prefixed with "not less than".
B-7N6RVU	Measurement of Uncertainty: Item 1: +/- 0.004 g/100 ml, Item 2: +/- 0.001 g/100 ml, Item 3: +/- 0.014 g/100 ml, Item 4: +/- 0.008 g/100 ml. Item 2: Reported result is outside of current calibration curve. The calibration curve is linear from 0.05 g/100 mL to 0.30 g/100 mL.
B-BLH2BQ	Measurement of Uncertainty: Item 1 +/- 0.004 g/100mL, Item 2 +/- 0.001 g/100mL, Item 3 +/- 0.013 g/100mL, Item 4 +/- 0.007 g/100mL. Item 2: Reported result is outside of current calibration curve. The calibration curve is linear from 0.05 g/100mL to 0.30 g/100mL.
B-LV8EXT	Shimadzu GC 2010 was used for analysis.
B-M7J493	Date(s) samples analyzed include 9/4/2014 and 9/5/2014.
B-PZVQTZ	Results reported as uncertainty at 9.4% (99.7% confidence level).
B-VB8DYT	Final results are reported using a 2.79% uncertainty.
B-XUTPXX	*Results from predistribution testing
C-9LKUA8	[From Table 3: Raw Data & Statistical Analysis- Listing of raw data not used in statistical calculations "Item 1: 7.9, 8.4, 8.0, 7.9; Item 2: 2.5, 2.6, 2.8, 2.2; Item 3: 23.5, 24.7, 23.5, 25; Item 4: 13.9, 13.4, 14.3, 13.6"]
C-AE4JW7	Export Date: 2014-08-25 and Date Samples Received: 2014-09-26 (transcurred one month) Samples were without refrigeration and have evidence of putrefaction

TABLE 5

Batch - WebCode	Additional Comments
C-DT993U	[From Table 3: Raw Data & Statistical Analysis- Listing of raw data not used in statistical calculations "Item 1: 75.75, 70.76, 73.41; Item 2: 24.64, 21.90, 22.14; Item 3: 231.48, 221.51, 227.91; Item 4: 131.98, 124.47, 127.80"]
C-HX7GBK	Equipment used are Shimadzu GCMS-QP2010 Plus with GC Autosampler HTA Headspace Autosampler HT280T.
C-LB2WV4	Measurement Uncertainty (at 99.7% confidence): Reported Ethanol Result +/- (9.4% Reported Ethanol Result).
C-TWYJTL	6% of the average would be subtracted from each of the final results before being reported to the customer.
C-VWCULB	[From Table 3: Raw Data & Statistical Analysis- Listing of raw data not used in statistical calculations "Item 1: 75.18, 69.14, 75.01; Item 2: 22.47, 21.69, 23.44; Item 3: 222.32, 230.87, 231.95; Item 4: 129.52, 125.73, 131.04"]

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-565: Blood Alcohol

DATA MUST BE RECEIVED BY October 27, 2014 TO BE INCLUDED IN THE REPORT

Participant Code:

WebCode:

Accreditation Release Section

CTS submits external proficiency test data directly to ASCLD/LAB and ANSI-ASQ NAB/FQS. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ASCLD/LAB and/or ANSI-ASQ NAB/FQS. (Accreditation Release section on the last page must be completed and submitted.)
- This participant's data is NOT intended for submission to ASCLD/LAB or ANSI-ASQ NAB/FQS.

Online Data Entry

Visit www.cts-portal.com to enter your proficiency test results online. If you have any questions please do not hesitate to contact CTS.

Test Description:

Investigators have submitted four vials of blood from separate cases to be examined; each was taken from a person suspected of driving under the influence of alcohol. Using your laboratory's procedures, analyze each vial and report the blood alcohol concentration.

Please disregard the vials labeling with regard to NaF; additional NaF was added to achieve a 1% w/v concentration in the blood in the vials.

Items Submitted (Sample Pack BAC2):

Items 1-4: Vials of Blood

1a.) What is the blood alcohol concentration of the sample in each of the vials? (Results should be reported using your laboratory reporting criteria for decimal places and units.)

Units

Item 1: _____ ()

Item 2: _____ ()

Item 3: _____ ()

Item 4: _____ ()

1b.) Are the values listed above:

The mean of duplicate / several determinations? The lowest value of duplicate / several determinations?

Other? (Specify): _____

Please return all pages of this data sheet.

Page 1 of 3

Participant Code:

WebCode:

2.) Please list your raw data determinations below in g/100mL. (Results not reported in g/100mL will be excluded from statistical calculations).

Item 1 (g/100mL)	Item 2 (g/100mL)	Item 3 (g/100mL)	Item 4 (g/100mL)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3a.) Batch A, B or C (letter found on Item label on blood tubes): _____

3b.) Date Samples Received: _____ 3c.) Date(s) Samples Analyzed: _____

4.) Method of Analysis:

Headspace GC Direct Injection GC Alcohol Dehydrogenase

Other: _____

5.) Additional Comments

Return Instructions: Data must be received via online data entry, fax (please include a cover sheet), or mail by *October 27, 2014* to be included in the report.

QUESTIONS?

TEL: +1-571-434-1925 (8 am - 4:30 pm EST)

EMAIL: forensics@cts-interlab.com

www.ctsforensics.com

Participant Code:

ONLINE DATA ENTRY: www.cts-portal.com

FAX: +1-571-434-1937

or Toll-Free: 1-866-FAX-2CTS (329-2287)

MAIL: Collaborative Testing Services, Inc.

P.O. Box 650820

Sterling, VA 20165-0820 USA

Please return all pages of this data sheet.

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RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code:

WebCode:

for Test No. **14-565: Blood Alcohol**

This release page must be completed and received by **October 27, 2014** to have this participant's submitted data included in the reports forwarded to the respective Accreditation Bodies.

ASCLD/LAB RELEASE

If your lab has been accredited by ASCLD/LAB and you are submitting this data as part of their external proficiency test requirements, have the laboratory's designated individual complete the following.

The information below must be completed in its entirety for the results to be submitted to ASCLD/LAB.

ASCLD/LAB Legacy Certificate No. _____ ASCLD/LAB International Certificate No. _____

Signature _____ Date _____

Laboratory Name _____

Location (City/State) _____

ANSI-ASQ NAB/FQS RELEASE

If your laboratory maintains its accreditation through ANSI-ASQ NAB/FQS, please complete the following form in its entirety to have your results forwarded.

ANSI-ASQ NAB/FQS Certificate No. _____

Signature and Title: _____ Date _____

Laboratory Name _____

Location (City/State) _____

Return Instructions

Accreditation Release

Please submit the completed Accreditation Release at the same time as your full data sheet. See Data Sheet Return Instructions on the previous page.

*Questions? Contact us 8 am-4:30 pm EST
Telephone: +1-571-434-1925
email: forensics@cts-interlab.com*

Please return all pages of this data sheet.

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