



Blood Alcohol Test No. 14-564 Summary Report

This test was sent to 213 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 188 participants (88.2% 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	0.15
Item 2	0.21
Item 3	0.10
Item 4	0.07

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. It is 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. If the laboratory did not report in g/100mL (or did not provide raw data), the result was not added to the raw data table and is shown as a blank in that table.

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 4. One participant in Batch B reported "extreme" data for Item 2. One participant in Batch C reported "extreme" data for Item 3.

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:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
2GX37V	0.145g/100 mL	0.205g/100 mL	0.098 g/100 mL	0.065g/100 mL
2LMC3R	0.14g/ 100 mL	0.20g/100 mL	0.09 g/ 100 mL	0.06g/100 mL
2LQAP4	0.14% by weight	0.20% by weight	0.09 % by weight	0.06% by weight
4D8HGH	0.14g%	0.20g%	0.09 g%	0.06g%
4H647Y	0.148g/100mL	0.207g/100mL	0.100 g/100mL	0.066g/100mL
6MBMTB	0.145g/100 mL	0.203g/100 mL	0.097 g/100 mL	0.064g/100 mL
76PVER	0.14%g/100 mL	0.20%g/100 mL	0.10 %g/100 mL	0.06%g/100 mL
862AZR	0.151g/100 mL	0.214g/100 mL	0.101 g/100 mL	0.066g/100 mL
87DPQL	0.14%w/v	0.19%w/v	0.09 %w/v	0.06%w/v
88A62X	0.143g/100 cc	0.201 g/100 cc	0.097 g/100 cc	0.063g/100 cc
8WV3MC	0.15g%	0.21 g%	0.10 g%	0.07g%
96Y8Z7	0.145g/100 mL	0.204g/100 mL	0.098 g/100 mL	0.064g/100 mL
9KQ622	143mg/100 mL	202mg/100 mL	98 mg/100 mL	64mg/100 mL
9VCLYX	0.145g/100cc of +/- 0.008blood	0.201 g/100cc of +/- 0.011 blood	0.098 g/100cc of +/- 0.005 blood	0.064g/100cc of +/- 0.004blood
AEJF69	0.138g/100mL	0.194g/100mL	0.094 g/100mL	0.061g/100mL
AMZC39	0.146g/100 mL	0.204g/100 mL	0.099 g/100 mL	0.064g/100 mL
ARL4W3	0.139g/100mL	0.196g/100mL	0.094 g/100mL	0.062g/100mL
BLZ9TD	0.141g/100mL	0.200g/100mL	0.096 g/100mL	0.062g/100mL
CPRKZZ	0.150g/100 mL +/- 0.006	0.209g/100 mL +/- 0.009	0.100 g/100 mL +/- 0.004	0.066g/100 mL +/- 0.003
D49C8Z	0.147g/100 mL	0.206g/100 mL	0.099 g/100 mL	0.065g/100 mL
DDU2YY	0.147g%	0.216g%	0.100 g%	0.066g%
DRUBUF	0.145g/100 mL	0.204g/100 mL	0.098 g/100 mL	0.064g/100 mL
DZAUDE	0.145gm/dL	0.201 gm/dL	0.098 gm/dL	0.064gm/dL
ERBQHG	0.14%w/v	0.20%w/v	0.10 %w/v	0.06%w/v
FB4JW6	0.148g/100mL	0.208g/100mL	0.100 g/100mL	0.066g/100mL
FJYGLT	0.140g/100 mL	0.195g/100 mL	0.092 g/100 mL	0.060g/100 mL

TABLE 1A - **Batch A**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
G3MW8F	0.14% g/100 mL	0.20% g/100 mL	0.09 % g/100 mL	0.06% g/100 mL
G9VQEB	0.14g/100mL	0.20g/100mL	0.09 g/100mL	0.06g/100mL
GNK9FM	0.146g/dL ± 0.006; 0.146 ± 0.006	0.205g/dL ± 0.009; 0.205 ± 0.009	0.099 g/dL ± 0.004; 0.099 ± 0.004	0.065g/dL ± 0.003; 0.065 ± 0.003
GR3JB6	0.14g%	0.21 g%	0.10 g%	0.06g%
GV74E6	0.144g/100mL	0.204g/100mL	0.098 g/100mL	0.064g/100mL
HX7UXP	0.146g/100mL	0.205g/100mL	0.099 g/100mL	0.065g/100mL
J7DDP6	0.13g/100 mL	0.20g/100 mL	0.09 g/100 mL	0.06g/100 mL
JEAD3C	0.14g/100mL	0.20g/100mL	0.10 g/100mL	0.06g/100mL
K2EUA8	0.14% w/v	0.20% w/v	0.09 % w/v	0.06% w/v
KNRKN2	0.14g/100mL	0.20g/100mL	0.09 g/100mL	0.06g/100mL
L7P7NY	0.143g/100mL	0.202g/100mL	0.096 g/100mL	0.063g/100mL
L82NFP	0.148g/100 mL +/- 0.006	0.207g/100 mL +/- 0.009	0.100 g/100 mL +/- 0.004	0.065g/100 mL +/- 0.003
L9E2HZ	0.148g/100mL	0.208g/100mL	0.101 g/100mL	0.066g/100mL
LFUE6K	0.143g/dL	0.196g/dL	0.096 g/dL	0.063g/dL
LJW88W	0.145g/100mL	0.202g/100mL	0.097 g/100mL	0.064g/100mL
M333C8	0.145g/100 mL	0.202g/100 mL	0.098 g/100 mL	0.064g/100 mL
MMRJF2	0.141g/100 mL	0.199g/100 mL	0.093 g/100 mL	0.060g/100 mL
NAKV2C	0.146g/100 mL	0.203g/100 mL	0.098 g/100 mL	0.064g/100 mL
NF7Q62	0.153g/dL	0.216g/dL	0.103 g/dL	0.068g/dL
Q3TY2W	0.13g/100 mL	0.18g/100 mL	0.09 g/100 mL	0.06g/100 mL
QKB9EE	0.14% by wt	0.20% by wt	0.09 % by wt	0.06% by wt
R6D9N3	0.14% w/v	0.20% w/v	0.09 % w/v	0.06% w/v
R8J2RW	0.15g%	0.21 g%	0.10 g%	0.06g%
RHKW4R	0.146g/100 mL	0.205g/100 mL	0.098 g/100 mL	0.064g/100 mL
RUREHV	0.143g/100 mL	0.202g/100 mL	0.096 g/100 mL	0.063g/100 mL
TTUNQ8	0.14%w/v	0.21 %w/v	0.10 %w/v	0.06%w/v
UJQQM4	0.145g/100 mL	0.204g/100 mL	0.098 g/100 mL	0.065g/100 mL

TABLE 1A - **Batch A**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
UPR3J2	0.143g/100 mL	0.200g/100 mL	0.097 g/100 mL	0.065g/100 mL
VKZZBV	0.14%w/v	0.20%w/v	0.10 %w/v	0.06%w/v
VXK69W	0.13g/100 mL	0.19g/100 mL	0.09 g/100 mL	0.05g/100 mL
WGTYN3	0.14%w/v	0.20%w/v	0.09 %w/v	0.06%w/v
X3PKVP	0.14g/100 mL	0.21 g/100 mL	0.10 g/100 mL	0.06g/100 mL
X9Y7WN	0.144g%	0.202g%	0.098 g%	0.065g%
XLJF7R	0.14g%	0.19g%	0.09 g%	0.06g%
YCP86F	0.142g/100mL	0.199g/100mL	0.096 g/100mL	0.063g/100mL
YG3BAH	0.144g/100 mL	0.202g/100 mL	0.097 g/100 mL	0.063g/100 mL
Z4ANLG	0.136g/100mL	0.193g/100mL	0.092 g/100mL	0.060g/100mL
Z7YAZP	0.148g/dL	0.208g/dL	0.099 g/dL	0.066g/dL
ZQ3WJ9	0.140g/100 mL	0.197g/100 mL	0.095 g/100 mL	0.061g/100 mL
ZZGLLM	0.15%g/100 mL	0.21 %g/100 mL	0.10 %g/100 mL	0.06%g/100 mL

TABLE 1B - Batch B

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
2FNXT8	0.143g/100 mLs	0.205g/100 mLs	0.096 g/100 mLs	0.066g/100 mLs
2GUUPV	145mg/100 mL	208mg/100 mL	96 mg/100 mL	65mg/ 100 mL
3L2KNV	0.154g/100 mL	0.217g/100 mL	0.099 g/100 mL	0.070g/100 mL
3XWTDP	132mg/ 100 mL	197mg/ 100 mL	91 mg/ 100 mL	61mg/ 100 mL
4ED24R	0.139%w/v	0.196%w/v	0.089 %w/v	0.065%w/v
4LYACN	142mg/100 mL	205mg/100 mL	91 mg/100 mL	64mg/100 mL
6AL8QQ	0.160g/100mL	0.270g/100mL	0.101 g/100mL	0.070g/100mL
6BTWKM	0.14% w/v BAC	0.20% w/v BAC	0.09 % w/v BAC	0.06% w/v BAC
6J9F4L	0.14%(w/v)	0.20%(w/v)	0.09 %(w/v)	0.06%(w/v)
82LLGU	0.145g/100 mL	0.208g/100 mL	0.095 g/100 mL	0.065g/100 mL
8JGGQW	0.147g/100 mL	0.207g/100 mL	0.096 g/100 mL	0.068g/100 mL
8L2BJQ	0.145g/100mL	0.210g/100mL	0.093 g/100mL	0.064g/100mL
8MGJY8	0.150gram %	0.210gram %	0.097 gram %	0.068gram %
92K8RZ	0.132g/100 mL	0.203g/100 mL	0.093 g/100 mL	0.063g/100 mL
982PYG	0.130%/dL	0.191%/dL	0.087 %/dL	0.060%/dL
9AQ8R2	0.145g/100 mL	0.211 g/100mL	0.094 g/100mL	0.065g/100mL
A7Q33N	0.149g/100mL	0.213g/100mL	0.096 g/100mL	0.066g/100mL
AVK9LG	0.14% w/v BAC	0.20% w/v BAC	0.09 % w/v BAC	0.06% w/v BAC
AW34HA	0.148% wt/vol	0.211 % wt/vol	0.098 % wt/vol	0.068% wt/vol
BZDL76	0.149g/100 mL +/- 0.007	0.209g/100 mL +/- 0.010	0.098 g/100 mL +/- 0.005	0.068g/100 mL +/- 0.003
CC7F3Y	0.145g/100 mL	0.210g/100 mL	0.096 g/100 mL	0.068g/100 mL
CRMBHV	0.146g/100 mL	0.210g/100 mL	0.095 g/100 mL	0.068g/100 mL
D6U8GM	0.14g%	0.20g%	0.09 g%	0.06g%
DAUGRN	0.145g/100 mL	0.208g/100 mL	0.093 g/100 mL	0.064g/100 mL
DT7Y8Z	0.12grams percent	0.19grams percent	0.08 grams percent	0.05grams percent
E39H2F	0.151g/100 mL	0.216g/100 mL	0.099 g/100 mL	0.067g/100 mL
EK9NDG	0.152g/100mL	0.215g/100mL	0.098 g/100mL	0.067g/100mL
ETXNFL	0.130g/100mL	0.190g/100mL	0.091 g/100mL	0.062g/100mL
GBUJDV	0.13g/dL	0.19g/dL	0.08 g/dL	0.06g/dL

TABLE 1B - Batch B

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
GPFTZZ	145.3mg/100 mL	205.3mg/100 mL	96.9 mg/100 mL	67.7mg/100 mL
H7G3HC	137mg/100 mL	194mg/100 mL	88 mg/100 mL	59mg/100 mL
HJ4CZB	0.140g/100 mL (+/- 0.013)	0.200g/100 mL (+/- 0.019)	0.092 g/100 mL (+/- 0.009)	0.065g/100 mL (+/- 0.006)
HX3EJ4	0.140g/100 mL	0.200g/100 mL	0.092 g/100 mL	0.065g/100 mL
JENAJX	0.140gram %	0.203gram %	0.092 gram %	0.064gram %
KWLWEN	0.143g/100 mL	0.222g/100 mL	0.101 g/100 mL	0.067g/100 mL
KZ32BY	0.140g/100 mL	0.201 g/100 mL	0.092 g/100 mL	0.063g/100 mL
LR6QHE	0.144g alcohol/100 mL blood	0.207g alcohol/100 mL blood	0.093 g alcohol/100 mL blood	0.064g alcohol/100 mL blood
LVLAJW	0.151gram% +/- 0.008	0.213gram% +/- 0.010	0.097 gram% +/- 0.005	0.069gram% +/- 0.002
M3MLFT	0.143gram%	0.203gram%	0.093 gram%	0.063gram%
MLVYHF	0.150g/100 mL	0.212g/100 mL	0.096 g/100 mL	0.067g/100 mL
MXR4T2	.145g/dL	.206g/dL	.095 g/dL	.066g/dL
NM6BVB	0.14g%	0.20g%	0.09 g%	0.06g%
NZ8YN6	0.14% (w/v)	0.21 % (w/v)	0.09 % (w/v)	0.06% (w/v)
P9ZKGA	0.147g/100 mL	0.209g/100 mL	0.095 g/100 mL	0.066g/100 mL
PKQEPX	0.14%w/v +/- 0.008	0.20%w/v +/- 0.011	0.09 %w/v +/- 0.005	0.06%w/v +/- 0.003
PUGZVV	0.1437g/100 mLs	0.2040g/100 mLs	0.0941 g/100 mLs	0.0656g/100 mLs
Q7RRZG	0.146g/dL	0.208g/dL	0.095 g/dL	0.064g/dL
QLJP3C	0.146g/100 mL	0.210g/100 mL	0.094 g/100 mL	0.065g/100 mL
QN4JU7	0.149g/100 mL	0.211 g/100 mL	0.094 g/100 mL	0.065g/100 mL
R2BM47	0.153g/100 mL	0.217g/100 mL	0.099 g/100 mL	0.069g/100 mL
RH3K72	0.148g/100 mLs	0.210g/100 mLs	0.095 g/100 mLs	0.063g/100 mLs
TC7EMG	1.44mg/mL	2.04mg/mL	0.95 mg/mL	0.66mg/mL
TLUBMX	154mg/100 mL	217mg/100 mL	99 mg/100 mL	69mg/100 mL
TU7EM6	0.14g% EtOH	0.20g% EtOH	0.09 g% EtOH	0.06g% EtOH
U496UX	0.145g/100mL	0.207g/100mL	0.095 g/100mL	0.065g/100mL
VGBVAB	0.144g/100 mL	0.203g/100 mL	0.094 g/100 mL	0.067g/100 mL
X7KXD3	0.147g/dL	0.202g/dL	0.095 g/dL	0.067g/dL

TABLE 1B - **Batch B**

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
XD9RGE	0.145gram % ± 0.007	0.206gram % ± 0.010	0.095 gram % ± 0.004	0.066gram % ± 0.003
Y4DV7X	142mg/100 mL	199mg/100 mL	92 mg/100 mL	63mg/100 mL
YG3UZK	1.49g/L	2.18g/L	0.97 g/L	0.71g/L
YNX4VC	0.14% (w/v)	0.21 % (w/v)	0.09 % (w/v)	0.06% (w/v)
YZU2AW	0.147g/100mL	0.214g/100mL	0.095 g/100mL	0.065g/100mL
ZBPDYV	0.148g/100 mL	0.214g/100 mL	0.097 g/100 mL	0.069g/100 mL
ZMJWD2	0.146g/100 mL	0.207g/100 mL	0.093 g/100 mL	0.064g/100 mL
ZPE9GG	0.14g%	0.20g%	0.09 g%	0.06g%
ZREQ8V	0.14g%	0.20g%	0.09 g%	0.06g%
ZWRGK4	0.132%g/100mL	0.193%g/100mL	0.086 %g/100mL	0.057%g/100mL

TABLE 1C - Batch C

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
2HZF3A	0.133g/100 mL	0.183g/100 mL	0.087 g/100 mL	0.052g/100 mL
2MXMX6	0.142g/100 mL +/- 0.008	0.201g/100 mL +/- 0.010	0.092 g/100 mL +/- 0.005	0.063g/100 mL +/- 0.004
2NB9TZ	0.14gm%	0.20gm%	0.09 gm%	0.06gm%
2QEYNU	0.14g %	0.20g %	0.09 g %	0.06g %
3N2RX7	141mg/dL	197mg/dL	90 mg/dL	61mg/dL
6A2MQL	1.46‰	2.03‰	0.96 ‰	0.64‰
89E4NB	0.14gm%	0.21 gm%	0.09 gm%	0.06gm%
9TKW9P	0.14gm%	0.19gm%	0.09 gm%	0.06m%
A4VPZ4	0.142g/100mL	0.202g/100mL	0.094 g/100mL	0.064g/100mL
AAK22Q	0.14g%	0.20g%	0.09 g%	0.06g%
AG8TMQ	0.13gm%	0.19gm%	0.08 gm%	0.06gm%
AYELRC	0.14g/100 mL	0.20g/100 mL	0.09 g/100 mL	0.06g/100 mL
BD4KTZ	0.14gram %	0.20gram %	0.09 gram %	0.06gram %
BWF8GU	0.13grams%	0.19grams%	0.09 grams%	0.06grams%
D6C329	0.14g/100 mL	0.20g/100 mL	0.09 g/100 mL	0.06g/100 mL
DYLXYR	145mg/100mL	206mg/100mL	94 mg/100mL	64mg/100mL
EJQTE2	0.14g/100mL	0.20g/100mL	0.09 g/100mL	0.06g/100mL
ERJ79A	1.393mg/mL	1.993mg/mL	0.932 mg/mL	0.634mg/mL
FE9VFD	161mg/dL	196mg/dL	104 mg/dL	74mg/dL
G4UBKN	0.146g/100mL	0.208g/100mL	0.096 g/100mL	0.066g/100mL
HHBGFM	0.13gm%	0.20gm%	0.09 gm%	0.06gm%
HHPWH4	0.122grams +/- 0.004etOH/100 mL blood	0.177grams +/- 0.004etOH/100 mL blood	0.083 grams +/- 0.004 etOH/100 mL blood	0.049grams +/- 0.004etOH/100 mL blood
KDNJZW	0.14g%	0.20g%	0.09 g%	0.06g%
KPY6XV	0.14%w/v	0.20%w/v	0.09 %w/v	0.06%w/v
KTEE68	149mg/100 mL	211 mg/100 mL	126 mg/100 mL	66mg/100 mL
L964CN	143mg/dL	202mg/dL	93 mg/dL	63mg/dL
L9EK7H	0.14gm%	0.20gm%	0.09 gm%	0.06gm%
MD2PEC	0.14gm%	0.20gm%	0.09 gm%	0.06gm%

TABLE 1C - Batch C

WebCode	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15 g/100mL	0.21 g/100mL	0.10 g/100mL	0.07 g/100mL
NC4V2Z	0.164g/100 mL	0.228g/100 mL	0.107 g/100 mL	0.073g/100 mL
NDXNPW	0.15g%	0.20g%	0.09 g%	0.06g%
NE6ZCY	147mg/100 mL	206mg/100 mL	96 mg/100 mL	65mg/100 mL
NHN9MK	0.141g/dL	0.196g/dL	0.093 g/dL	0.064g/dL
P2DX6R	0.141g/100 mL	0.197g/100 mL	0.088 g/100 mL	0.059g/100 mL
P2Z6NV	0.15gm%	0.21 gm%	0.09 gm%	0.06gm%
P9TGPQ	0.134g etOH/100 mL blood	0.189g etOH/100 mL blood	0.090 g etOH/100 mL blood	0.062g etOH/100 mL blood
QBYA9G	140mg/100 mL	198mg/100 mL	91 mg/100 mL	62mg/100 mL
QZYT9E	144mg/100mL	202mg/100mL	94 mg/100mL	64mg/100mL
RJ6MDP	not less than 137mg/100mL	not less than 191 mg/100mL	not less than 86 mg/100mL	63mg/100mL
RRZMQW	0.138% w/v	0.194% w/v	0.091 % w/v	0.061% w/v
TDEGLA	0.14g/100 mL	0.20g/100 mL	0.09 g/100 mL	0.06g/100 mL
TEVQHG	0.14gm%	0.20gm%	0.09 gm%	0.06gm%
TPMF3U	147mg/dL	208mg/dL	95 mg/dL	65mg/dL
TRHUUT	0.1465g/100 mL	0.2029g/100 mL	0.0949 g/100 mL	0.0638g/100 mL
UTKAJW	0.145 _g /100 mL 0.146 (+/- 0.006)	0.206 _g /100 mL 0.206 (+/- 0.009)	0.096 _g /100 mL 0.096 (+/- 0.004)	0.065 _g /100 mL 0.065 (+/- 0.003)
UU6W7K	0.14Gram %	0.20Gram %	0.09 Gram %	0.06Gram %
VDQ22N	0.14g/100 mL	0.19g/100 mL	0.09 g/100 mL	0.06g/100 mL
W9UJGH	0.135g/100 mL	0.193g/100 mL	0.090 g/100 mL	0.060g/100 mL
WHUCMM	141.6mg/dL	197.7mg/dL	91.0 mg/dL	59.3mg/dL
WJ6EAL	0.14g/dL	0.20g/dL	0.09 g/dL	0.06g/dL
XQ8KYB	0.14g%	0.19g%	0.09 g%	0.06g%
Y92WVP	1.36g/kg = ‰	1.93g/kg = ‰	0.89 g/kg = ‰	0.61g/kg = ‰
YFTZ4L	0.14gm%	0.19gm%	0.09 gm%	0.06gm%
YJZELR	0.14%w/v	0.20%w/v	0.09 %w/v	0.06%w/v
YZRBNM	142.0mg/dL	197.9mg/dL	90.8 mg/dL	59.2mg/dL
Z3R288	0.141g/dL whole ± 0.013blood	0.199g/dL whole ± 0.018blood	0.092 g/dL whole ± 0.008 blood	0.063g/dL whole ± 0.005blood

Reporting Procedures

TABLE 2

Batch - WebCode	Reporting Procedures
A-2GX37V	The mean of duplicate/several determinations.
A-2LMC3R	The mean of duplicate/several determinations.
A-2LQAP4	The mean of duplicate/several determinations.
A-4D8HGH	The lowest value of duplicate/several determinations.
A-4H647Y	The mean of duplicate/several determinations.
A-6MBMTB	The mean of duplicate/several determinations.
A-76PVER	The mean of two determinations truncated to two decimals.
A-862AZR	The mean of duplicate/several determinations.
A-87DPQL	The mean of duplicate/several determinations.
A-88A62X	The mean of duplicate/several determinations.
A-8WV3MC	The lowest value of duplicate/several determinations.
A-96Y8Z7	The mean of duplicate/several determinations.
A-9KQ622	The mean of duplicate/several determinations.
A-9VCLYX	The truncated mean of several determinations +/- the uncertainty of measurement.
A-AEJF69	The lowest value of duplicate/several determinations.
A-AMZC39	The mean of duplicate/several determinations.
A-ARL4W3	The lowest value of duplicate/several determinations.
A-BLZ9TD	The lowest value of duplicate/several determinations.
A-CPRKZZ	Average of 4 duplicates, truncated and reported to 3 digits.
A-D49C8Z	The lowest value of duplicate/several determinations.
A-DDU2YY	The mean of duplicate/several determinations.
A-DRUBUF	The mean of duplicate/several determinations.
A-DZAUDE	The mean of duplicate/several determinations.
A-ERBQHG	The mean of duplicate analysis truncated to two (2) decimal places.
A-FB4JW6	The mean of duplicate/several determinations.
A-FJYGLT	The mean of duplicate/several determinations.
A-G3MW8F	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
A-G9VQEB	The mean of duplicate/several determinations.
A-GNK9FM	duplicate analysis.
A-GR3JB6	The lowest value of duplicate/several determinations.
A-GV74E6	The lowest value of duplicate/several determinations.
A-HX7UXP	The mean of duplicate/several determinations.
A-J7DDP6	The mean of duplicate/several determinations.
A-JEAD3C	The mean of duplicate/several determinations.
A-K2EUA8	The mean of duplicate/several determinations.
A-KNRKN2	The mean of duplicate/several determinations.
A-L7P7NY	The lowest value of duplicate/several determinations.
A-L82NFP	Mean of duplicate using raw data to 4 decimal places truncated to 3 decimal places.
A-L9E2HZ	The mean of duplicate/several determinations.
A-LFUE6K	The mean of duplicate/several determinations.
A-LJW88W	The lowest value of duplicate/several determinations.
A-M333C8	The mean of duplicate/several determinations.
A-MMRJF2	The mean of duplicate/several determinations.
A-NAKV2C	The mean of duplicate/several determinations.
A-NF7Q62	The mean of duplicate/several determinations.
A-Q3TY2W	The mean of duplicate/several determinations.
A-QKB9EE	The mean of duplicate/several determinations.
A-R6D9N3	The mean of duplicate/several determinations.
A-R8J2RW	The mean of duplicate/several determinations.
A-RHKW4R	The lowest value of duplicate/several determinations.
A-RUREHV	The lowest value of duplicate/several determinations.
A-TTUNQ8	The mean of duplicate/several determinations.
A-UJQQM4	The mean of duplicate/several determinations.
A-UPR3J2	The mean of duplicate/several determinations.
A-VKZZBV	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
A-VXK69W	The final result is reported by subtracting the uncertainty of measurement from the lower of the two raw results and truncating the third digit with a $K = 3$ (6.3%).
A-WGTYN3	The mean of duplicate/several determinations.
A-X3PKVP	The mean of duplicate/several determinations.
A-X9Y7WN	The lowest value of duplicate/several determinations.
A-XLJF7R	Duplicate Analysis. Values are truncated to two decimal places. The lower of the two (if applicable) is reported.
A-YCP86F	The lowest value of duplicate/several determinations.
A-YG3BAH	The mean of duplicate/several determinations.
A-Z4ANLG	The lowest value of duplicate/several determinations.
A-Z7YAZP	Mean of duplicate testing truncated to three decimal places.
A-ZQ3WJ9	The lowest value of duplicate/several determinations.
A-ZZGLLM	The mean of duplicate/several determinations.
B-2FNXT8	The mean of duplicate/several determinations.
B-2GUUPV	The lowest value of duplicate/several determinations.
B-3L2KNV	The mean of duplicate/several determinations.
B-3XWTDV	The lowest value of duplicate/several determinations.
B-4ED24R	The mean of duplicate/several determinations.
B-4LYACN	The lowest value of duplicate/several determinations.
B-6AL8QQ	The lowest value of duplicate/several determinations.
B-6BTWKM	The mean of duplicate/several determinations.
B-6J9F4L	The mean of duplicate/several determinations.
B-82LLGU	The mean of duplicate/several determinations.
B-8JGGQW	The mean of duplicate/several determinations.
B-8L2BJQ	The mean of duplicate/several determinations.
B-8MGJY8	The mean of duplicate/several determinations.
B-92K8RZ	The mean of 2 determination rounded to 3 decimals.
B-982PYG	The mean of duplicate/several determinations.
B-9AQ8R2	The lowest value of duplicate/several determinations.
B-A7Q33N	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
B-AVK9LG	The mean of duplicate/several determinations.
B-AW34HA	The mean of duplicate/several determinations.
B-BZDL76	The mean of duplicate/several determinations.
B-CC7F3Y	The mean of duplicate/several determinations.
B-CRMBHV	The mean of duplicate/several determinations.
B-D6U8GM	The lowest value of duplicate/several determinations.
B-DAUGRN	The mean of duplicate/several determinations.
B-DT7Y8Z	The lower value of replicate samples to second decimal
B-E39H2F	The mean of duplicate/several determinations.
B-EK9NDG	The mean of duplicate/several determinations.
B-ETXNFL	The mean of duplicate/several determinations.
B-GBUJDV	The lowest value of duplicate/several determinations.
B-GPFTZZ	The mean of duplicate/several determinations.
B-H7G3HC	The lowest value of duplicate/several determinations.
B-HJ4CZB	The mean of duplicate/several determinations.
B-HX3EJ4	Truncated mean of several determinations.
B-JENAJX	The mean of duplicate/several determinations.
B-KWLWEN	The lowest value of duplicate/several determinations.
B-KZ32BY	The mean of duplicate/several determinations.
B-LR6QHE	The mean of duplicate/several determinations truncated to three (3) decimal places.
B-LVLAJW	The mean of duplicate/several determinations.
B-M3MLFT	The mean of duplicate/several determinations.
B-MLVYHF	The mean of duplicate/several determinations.
B-MXR4T2	The mean of duplicate/several determinations.
B-NM6BVB	The lowest value of duplicate/several determinations.
B-NZ8YN6	The mean of duplicate/several determinations.
B-P9ZKGA	The mean of duplicate/several determinations.
B-PKQEPX	The mean of duplicates truncated to two decimal units.

TABLE 2

Batch - WebCode	Reporting Procedures
B-PUGZVV	The mean of duplicate/several determinations.
B-Q7RRZG	The lowest value of duplicate/several determinations.
B-QLJP3C	The mean of duplicate/several determinations.
B-QN4JU7	The mean of duplicate/several determinations.
B-R2BM47	The mean of duplicate/several determinations.
B-RH3K72	The average of the 4 results truncated to the three digits.
B-TC7EMG	The mean of duplicate/several determinations.
B-TLUBMX	The lowest value of duplicate/several determinations.
B-TU7EM6	The lowest value of duplicate/several determinations.
B-U496UX	The mean of duplicate/several determinations.
B-VGBVAB	The mean of duplicate/several determinations.
B-X7KXD3	The mean of duplicate/several determinations.
B-XD9RGE	The mean of duplicate/several determinations.
B-Y4DV7X	The lowest value of duplicate/several determinations.
B-YG3UZK	The mean of duplicate/several determinations.
B-YNX4VC	The mean of duplicate/several determinations.
B-YZU2AW	The mean of duplicate/several determinations.
B-ZBPDYV	The mean of duplicate/several determinations.
B-ZMJWD2	The mean of duplicate/several determinations.
B-ZPE9GG	The mean of duplicate determinations, truncated to two decimal places.
B-ZREQ8V	The lowest value of duplicate/several determinations.
B-ZWRGK4	The mean of duplicate/several determinations.
C-2HZF3A	The mean of duplicate/several determinations.
C-2MXMX6	The mean of duplicate/several determinations.
C-2NB9TZ	The lowest value of duplicate/several determinations.
C-2QEYNU	The lowest value of duplicate/several determinations.
C-3N2RX7	The mean of duplicate/several determinations.
C-6A2MQL	The mean of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
C-89E4NB	The lowest value of duplicate/several determinations.
C-9TKW9P	The lowest value of duplicate/several determinations.
C-A4VPZ4	The lowest value of duplicate/several determinations.
C-AAK22Q	The lowest value of duplicate/several determinations.
C-AG8TMQ	The lowest value of duplicate/several determinations.
C-AYELRC	The mean of duplicate, truncated to 100th place.
C-BD4KTZ	The lowest value of duplicate/several determinations.
C-BWF8GU	The lowest value of duplicate/several determinations.
C-D6C329	The mean of duplicate/several determinations.
C-DYLXYR	The mean of duplicate/several determinations.
C-EJQTE2	The mean of duplicate/several determinations.
C-ERJ79A	The mean of duplicate/several determinations.
C-FE9VFD	The mean of duplicate/several determinations.
C-G4UBKN	The mean of duplicate/several determinations.
C-HHBGFM	The lowest value of duplicate/several determinations.
C-HHPWH4	The lowest value of duplicate/several determinations.
C-KDNJZW	The lowest value of duplicate/several determinations.
C-KPY6XV	The mean of duplicate/several determinations.
C-KTEE68	The mean of duplicate/several determinations.
C-L964CN	The mean of duplicate/several determinations.
C-L9EK7H	The lowest value of duplicate/several determinations.
C-MD2PEC	The lowest value of duplicate/several determinations.
C-NC4V2Z	The mean of duplicate/several determinations.
C-NDXNPW	The lowest value of duplicate/several determinations.
C-NE6ZCY	The mean of duplicate/several determinations.
C-NHN9MK	The lowest value of duplicate/several determinations.
C-P2DX6R	The mean of duplicate/several determinations.
C-P2Z6NV	The lowest value of duplicate/several determinations.

TABLE 2

Batch - WebCode	Reporting Procedures
C-P9TGPQ	The mean of duplicate/several determinations.
C-QBYA9G	The mean of duplicate/several determinations.
C-QZYT9E	The mean of duplicate/several determinations.
C-RJ6MDP	Take lowest value then if greater than or equal to 80mg% but less than 100mg% take off 6mg. If greater than or equal to 100mg% take of[sic] 6%. If less than 80mg% then report lowest value only.
C-RRZMQW	The lowest value of duplicate/several determinations.
C-TDEGLA	The mean of duplicate/several determinations.
C-TEVQHG	The lowest value of duplicate/several determinations.
C-TPMF3U	The mean of duplicate/several determinations.
C-TRHUUT	The mean of duplicate/several determinations.
C-UTKAJW	Duplicate values are reported simultaneously with estimated measurement uncertainty.
C-UU6W7K	The lowest value of duplicate/several determinations.
C-VDQ22N	The mean of duplicate/several determinations.
C-W9UJGH	The mean of duplicate/several determinations.
C-WHUCMM	The mean of duplicate/several determinations.
C-WJ6EAL	The mean of duplicate/several determinations.
C-XQ8KYB	The lowest value of duplicate/several determinations.
C-Y92WVP	The mean of duplicate/several determinations.
C-YFTZ4L	The lowest value of duplicate/several determinations.
C-YJZELR	The mean of duplicate/several determinations.
C-YZRBNM	The mean of duplicate/several determinations.
C-Z3R288	The mean of duplicate/several determinations.

Response Summary	
Participants:	188
The mean of duplicate/several determinations. (including truncated averages or error compensations)	129 (68.6%)
The lowest value of duplicate/several determinations.	56 (29.8%)
Other	3 (1%)

Raw Data

List of raw data determinations in g/100mL.

TABLE 3A - Item 1 Batch A

WebCode	Item 1 (g/100mL)			Preparation Target BAC : 0.15g/100mL	Mean
2GX37V	0.1441	0.1471	0.1433	0.1463	0.1452
2LMC3R	0.1450	0.1450			0.1450
2LQAP4	0.1462	0.1458			0.1460
4D8HGH	0.1450	0.1480			0.1465
4H647Y	0.1470	0.1480	0.1470	0.1490	0.1478
6MBMTB	0.1446	0.1456			0.1451
76PVER	0.1490	0.1480			0.1485
862AZR	0.1513	0.1504	0.1518	0.1499	0.1509
87DPQL	0.1420	0.1390			0.1405
88A62X	0.1441	0.1441	0.1442	0.1431	0.1439
8WV3MC	0.1560	0.1510			0.1535
96Y8Z7	0.1454	0.1453			0.1454
9KQ622	0.1431	0.1439	0.1429	0.1434	0.1433
9VCLYX	0.1456	0.1442	0.1459	0.1444	0.1450
AEJF69	0.1382	0.1390			0.1386
AMZC39	0.1468	0.1467			0.1468
ARL4W3	0.1394	0.1407			0.1401
BLZ9TD	0.1424	0.1419			0.1422
CPRKZZ	0.1515	0.1486			0.1501
D49C8Z	0.1505	0.1477			0.1491
DDU2YY	0.1483	0.1455			0.1469
DRUBUF	0.1440	0.1483	0.1424	0.1441	0.1447
DZAUDE	0.1450	0.1476	0.1429	0.1448	0.1451
ERBQHG	0.1480	0.1470			0.1475
FB4JW6	0.1487	0.1484			0.1486
FJYGLT	0.1379	0.1414			0.1397
G3MW8F	0.1460	0.1460			0.1460
G9VQEB	0.1440	0.1450			0.1445
GNK9FM	0.1460	0.1460			0.1460
GR3JB6	0.1520	0.1450			0.1485
GV74E6	0.1444	0.1453			0.1449
HX7UXP	0.1450	0.1480			0.1465
J7DDP6	0.1380	0.1340			0.1360
JEAD3C	0.1490	0.1480			0.1485
K2EUA8	0.1450	0.1440	0.1440	0.1450	0.1445
KNRKN2	0.1440	0.1440			0.1440
L7P7NY	0.1436	0.1439			0.1438
L82NFP	0.1489	0.1478			0.1484
L9E2HZ	0.1489	0.1487			0.1488
LFUE6K	0.1420	0.1450	0.1420		0.1430

TABLE 3A - Item 1 Batch A

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.15g/100mL		Mean
LJW88W	0.1454	0.1451			0.1453
M333C8	0.1440	0.1478	0.1426	0.1445	0.1447
MMRJF2	0.1410	0.1400			0.1405
NAKV2C	0.1445	0.1489	0.1437	0.1449	0.1455
NF7Q62	0.1540	0.1550	0.1540	0.1520	0.1538
Q3TY2W	0.1380	0.1380			0.1380
QKB9EE	0.1456	0.1459			0.1458
R6D9N3	0.1480	0.1480			0.1480
R8J2RW	0.1500	0.1510			0.1505
RHKW4R	0.1461	0.1460			0.1461
RUREHV	0.1433	0.1457			0.1445
TTUNQ8	0.1500	0.1490			0.1495
UJQQM4	0.1450	0.1496	0.1428	0.1444	0.1455
UPR3J2	0.1412	0.1456	0.1416	0.1433	0.1429
VKZZBV	0.1470	0.1470			0.1470
VXK69W	0.1470	0.1440			0.1455
WGTYN3	0.1470	0.1470			0.1470
X3PKVP	0.1500	0.1480			0.1490
X9Y7WN	0.1450	0.1440			0.1445
XLJF7R	0.1424	0.1420			0.1422
YCP86F	0.1442	0.1423			0.1433
YG3BAH	0.1441	0.1444			0.1443
Z4ANLG	0.1369	0.1369			0.1369
Z7YAZP	0.1493	0.1478			0.1486
ZQ3WJ9	0.1407	0.1410			0.1409
ZZGLLM	0.1530	0.1530			0.1530

Statistical Analysis for Item 1 Batch A				
Grand Mean	0.1455	Number of Participants Included	66	Number of Participants without Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0036	Number of Participants Excluded	0	

TABLE 3A - Item 2 Batch A

WebCode	Item 2 (g/100mL)				Preparation Target BAC : 0.21g/100mL	Mean
2GX37V	0.2036	0.2068	0.2027	0.2056		0.2047
2LMC3R	0.2010	0.2010				0.2010
2LQAP4	0.2046	0.2048				0.2047
4D8HGH	0.2040	0.2020				0.2030
4H647Y	0.2050	0.2060	0.2070	0.2090		0.2068
6MBMTB	0.2037	0.2029				0.2033
76PVER	0.2080	0.2080				0.2080
862AZR	0.2159	0.2122	0.2140	0.2124		0.2136
87DPQL	0.1920	0.1900				0.1910
88A62X	0.2014	0.2012	0.2018	0.2019		0.2016
8WV3MC	0.2230	0.2130				0.2180
96Y8Z7	0.2054	0.2034				0.2044
9KQ622	0.2039	0.2031	0.2005	0.1999		0.2019
9VCLYX	0.2026	0.2009	0.2030	0.2013		0.2020
AEJF69	0.1963	0.1940				0.1952
AMZC39	0.2039	0.2041				0.2040
ARL4W3	0.1982	0.1965				0.1974
BLZ9TD	0.2007	0.2008				0.2008
CPRKZZ	0.2105	0.2084				0.2095
D49C8Z	0.2067	0.2076				0.2072
DDU2YY	0.2114	0.2202				0.2158
DRUBUF	0.2029	0.2084	0.2004	0.2026		0.2036
DZAUDE	0.1999	0.2048	0.1987	0.2009		0.2011
ERBQHG	0.2060	0.2060				0.2060
FB4JW6	0.2093	0.2078				0.2086
FJYGLT	0.1930	0.1977				0.1954
G3MW8F	0.2050	0.2060				0.2055
G9VQEB	0.2010	0.2010				0.2010
GNK9FM	0.2050	0.2050				0.2050
GR3JB6	0.2150	0.2120				0.2135
GV74E6	0.2069	0.2041				0.2055
HX7UXP	0.2050	0.2060				0.2055
J7DDP6	0.1980	0.2050				0.2015
JEAD3C	0.2090	0.2100				0.2095
K2EUA8	0.2040	0.2030	0.2030	0.2040		0.2035
KNRKN2	0.2010	0.2020				0.2015
L7P7NY	0.2023	0.2034				0.2029
L82NFP	0.2063	0.2091				0.2077
L9E2HZ	0.2079	0.2092				0.2086
LFUE6K	0.2000	0.1970	0.1930			0.1967
LJW88W	0.2027	0.2045				0.2036
M333C8	0.2016	0.2072	0.1991	0.2009		0.2022

TABLE 3A - Item 2 Batch A

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.21g/100mL		Mean
MMRJF2	0.1990	0.1990			0.1990
NAKV2C	0.2025	0.2048	0.2005	0.2030	0.2027
NF7Q62	0.2160	0.2170	0.2150	0.2160	0.2160
Q3TY2W	0.1870	0.1880			0.1875
QKB9EE	0.2054	0.2044			0.2049
R6D9N3	0.2090	0.2090			0.2090
R8J2RW	0.2100	0.2120			0.2110
RHKW4R	0.2055	0.2051			0.2053
RUREHV	0.2040	0.2025			0.2033
TTUNQ8	0.2130	0.2120			0.2125
UJQQM4	0.2028	0.2089	0.2008	0.2025	0.2038
UPR3J2	0.2004	0.2049	0.1972	0.1992	0.2004
VKZZBV	0.2060	0.2060			0.2060
VXK69W	0.2090	0.2050			0.2070
WGTYN3	0.2030	0.2040			0.2035
X3PKVP	0.2110	0.2090			0.2100
X9Y7WN	0.2020	0.2020			0.2020
XLJF7R	0.2037	0.1997			0.2017
YCP86F	0.2033	0.1994			0.2014
YG3BAH	0.2029	0.2025			0.2027
Z4ANLG	0.1930	0.1933			0.1932
Z7YAZP	0.2096	0.2081			0.2089
ZQ3WJ9	0.1992	0.1975			0.1984
ZZGLLM	0.2140	0.2120			0.2130

Statistical Analysis for Item 2 Batch A

Grand Mean	0.2043	Number of Participants Included	66	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0057	Number of Participants Excluded	0		

TABLE 3A - Item 3 Batch A

WebCode	Item 3 (g/100mL)			Preparation Target BAC : 0.10g/100mL	Mean
2GX37V	0.0965	0.0983	0.0983	0.0995	0.0982
2LMC3R	0.0990	0.0980			0.0985
2LQAP4	0.0979	0.0979			0.0979
4D8HGH	0.1030	0.0990			0.1010
4H647Y	0.1000	0.1000	0.0990	0.1000	0.0998
6MBMTB	0.0977	0.0977			0.0977
76PVER	0.1000	0.1000			0.1000
862AZR	0.1012	0.1006	0.1020	0.0999	0.1009
87DPQL	0.0920	0.0940			0.0930
88A62X	0.0975	0.0973	0.0976	0.0971	0.0974
8WV3MC	0.1060	0.1040			0.1050
96Y8Z7	0.0984	0.0985			0.0985
9KQ622	0.0980	0.0979	0.0975	0.0976	0.0978
9VCLYX	0.0992	0.0982	0.0991	0.0981	0.0987
AEJF69	0.0940	0.0948			0.0944
AMZC39	0.0991	0.0990			0.0991
ARL4W3	0.0946	0.0946			0.0946
BLZ9TD	0.0963	0.0971			0.0967
CPRKZZ	0.1014	0.1004			0.1009
D49C8Z	0.1003	0.0996			0.1000
DDU2YY	0.1006	0.0991			0.0999
DRUBUF	0.0985	0.0997	0.0960	0.0969	0.0978
DZAUDE	0.0976	0.0994	0.0969	0.0976	0.0979
ERBQHG	0.1000	0.1000			0.1000
FB4JW6	0.1010	0.1005			0.1008
FJYGLT	0.0899	0.0948			0.0924
G3MW8F	0.0990	0.1000			0.0995
G9VQEB	0.0990	0.0980			0.0985
GNK9FM	0.0990	0.0990			0.0990
GR3JB6	0.1020	0.1040			0.1030
GV74E6	0.0986	0.0996			0.0991
HX7UXP	0.0980	0.1000			0.0990
J7DDP6	0.0900	0.0980			0.0940
JEAD3C	0.1010	0.1010			0.1010
K2EUA8	0.0990	0.0980	0.0980	0.0970	0.0980
KNRKN2	0.0980	0.0970			0.0975
L7P7NY	0.0960	0.0967			0.0964
L82NFP	0.1005	0.1006			0.1006
L9E2HZ	0.1009	0.1016			0.1013
LFUE6K	0.0990	0.0950	0.0950		0.0963
LJW88W	0.0972	0.0980			0.0976
M333C8	0.0977	0.0997	0.0967	0.0978	0.0980

TABLE 3A - Item 3 Batch A

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.10g/100mL		Mean
MMRJF2	0.0930	0.0930			0.0930
NAKV2C	0.0972	0.0990	0.0977	0.0981	0.0980
NF7Q62	0.1050	0.1020	0.1050	0.1020	0.1035
Q3TY2W	0.0960	0.0940			0.0950
QKB9EE	0.0982	0.0983			0.0983
R6D9N3	0.0990	0.0990			0.0990
R8J2RW	0.1010	0.1020			0.1015
RHKW4R	0.0987	0.0989			0.0988
RUREHV	0.0960	0.0974			0.0967
TTUNQ8	0.1020	0.1010			0.1015
UJQQM4	0.0980	0.0999	0.0972	0.0977	0.0982
UPR3J2	0.0968	0.0988	0.0961	0.0974	0.0973
VKZZBV	0.1000	0.1000			0.1000
VXK69W	0.0980	0.0990			0.0985
WGTYN3	0.0990	0.0990			0.0990
X3PKVP	0.1020	0.1010			0.1015
X9Y7WN	0.0990	0.0980			0.0985
XLJF7R	0.0954	0.0955			0.0955
YCP86F	0.0966	0.0979			0.0973
YG3BAH	0.0972	0.0974			0.0973
Z4ANLG	0.0937	0.0926			0.0932
Z7YAZP	0.1002	0.0982			0.0992
ZQ3WJ9	0.0968	0.0959			0.0964
ZZGLLM	0.1020	0.1020			0.1020

Statistical Analysis for Item 3 Batch A				
Grand Mean	0.0984	Number of Participants Included	66	Number of Participants without Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0025	Number of Participants Excluded	0	

TABLE 3A - Item 4 Batch A

WebCode	Item 4 (g/100mL)			Preparation Target BAC : 0.07g/100mL	Mean
2GX37V	0.0635	0.0657	0.0643	0.0660	0.0649
2LMC3R	0.0630	0.0650			0.0640
2LQAP4	0.0644	0.0647			0.0646
4D8HGH	0.0670	0.0650			0.0660
4H647Y	0.0660	0.0650	0.0660	0.0650	0.0655
6MBMTB	0.0640	0.0640			0.0640
76PVER	0.0640	0.0640			0.0640
862AZR	0.0652	0.0673	0.0660	0.0656	0.0660
87DPQL	0.0600	0.0620			0.0610
88A62X	0.0636	0.0640	0.0635	0.0637	0.0637
8WV3MC	0.0700	0.0760			0.0730
96Y8Z7	0.0646	0.0639			0.0643
9KQ622	0.0620	0.0625	0.0649	0.0654	0.0637
9VCLYX	0.0652	0.0647	0.0653	0.0644	0.0649
AEJF69	0.0625	0.0615			0.0620
AMZC39	0.0648	0.0645			0.0647
ARL4W3	0.0626	0.0620			0.0623
BLZ9TD	0.0627	0.0637			0.0632
CPRKZZ	0.0664	0.0665			0.0665
D49C8Z	0.0658	0.6640			0.3649 X
DDU2YY	0.0653	0.0665			0.0659
DRUBUF	0.0627	0.0644	0.0636	0.0649	0.0639
DZAUDE	0.0625	0.0639	0.0637	0.0649	0.0638
ERBQHG	0.0640	0.0640			0.0640
FB4JW6	0.0669	0.0664			0.0667
FJYGLT	0.0591	0.0611			0.0601
G3MW8F	0.0640	0.0650			0.0645
G9VQEB	0.0660	0.0670			0.0665
GNK9FM	0.0650	0.0650			0.0650
GR3JB6	0.0660	0.0670			0.0665
GV74E6	0.0653	0.0646			0.0650
HX7UXP	0.0650	0.0660			0.0655
J7DDP6	0.0630	0.0660			0.0645
JEAD3C	0.0650	0.0650			0.0650
K2EUA8	0.0630	0.0630	0.0620	0.0620	0.0625
KNRKN2	0.0620	0.0620			0.0620
L7P7NY	0.0640	0.0633			0.0637
L82NFP	0.0654	0.0656			0.0655
L9E2HZ	0.0663	0.0660			0.0662
LFUE6K	0.0640	0.0630	0.0630		0.0633
LJW88W	0.0642	0.0645			0.0644
M333C8	0.0629	0.0652	0.0638	0.0655	0.0644

TABLE 3A - Item 4 Batch A

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.07g/100mL		Mean
MMRJF2	0.0600	0.0600			0.0600
NAKV2C	0.0631	0.0645	0.0634	0.0648	0.0640
NF7Q62	0.0690	0.0680	0.0680	0.0670	0.0680
Q3TY2W	0.0640	0.0640			0.0640
QKB9EE	0.0643	0.0640			0.0642
R6D9N3	0.0650	0.0640			0.0645
R8J2RW	0.0670	0.0660			0.0665
RHKW4R	0.0644	0.0644			0.0644
RUREHV	0.0635	0.0634			0.0635
TTUNQ8	0.0660	0.0660			0.0660
UJQQM4	0.0642	0.0665	0.0643	0.0656	0.0652
UPR3J2	0.0630	0.0656	0.0644	0.0660	0.0648
VKZZBV	0.0650	0.0650			0.0650
VXK69W	0.0600	0.0620			0.0610
WGTYN3	0.0630	0.0630			0.0630
X3PKVP	0.0650	0.0650			0.0650
X9Y7WN	0.0650	0.0650			0.0650
XLJF7R	0.0602	0.0607			0.0605
YCP86F	0.0644	0.0637			0.0641
YG3BAH	0.0634	0.0631			0.0633
Z4ANLG	0.0609	0.0619			0.0614
Z7YAZP	0.0662	0.0670			0.0666
ZQ3WJ9	0.0620	0.0610			0.0615
ZZGLLM	0.0670	0.0670			0.0670

Statistical Analysis for Item 4 Batch A

Grand Mean	0.0644	Number of Participants Included	65	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0020	Number of Participants Excluded	1		

TABLE 3A - Response Summary for Batch A

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15	0.21	0.10	0.07
Grand Mean	0.1455	0.2043	0.0984	0.0644
Standard Deviation	0.0036	0.0057	0.0025	0.0020

TABLE 3B - Item 1 Batch B

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.15g/100mL				Mean
2FNXT8	0.1412	0.1441					0.1427
2GUUPV	0.1450	0.1450					0.1450
3L2KNV	0.1526	0.1553	0.1544	0.1573			0.1549
3XWTDV	0.1320	0.1320					0.1320
4ED24R	0.1380	0.1400					0.1390
4LYACN	0.1420	0.1420					0.1420
6AL8QQ	0.1600	0.1700					0.1650
6BTWKM	0.1467	0.1471					0.1469
6J9F4L	0.1456	0.1463					0.1460
82LLGU	0.1455	0.1457	0.1455	0.1459			0.1457
8JGGQW	0.1460	0.1470					0.1465
8L2BJQ	0.1480	0.1470	0.1460	0.1460	0.1420	0.1430	0.1453
8MGJY8	0.1502	0.1505					0.1504
92K8RZ	0.1310	0.1331					0.1321
982PYG	0.1300	0.1300					0.1300
9AQ8R2	0.1450	0.1460					0.1455
A7Q33N	0.1481	0.1500	0.1481	0.1500			0.1491
AVK9LG	0.1462	0.1463					0.1463
AW34HA	0.1483	0.1479					0.1481
BZDL76	0.1490	0.1490	0.1510	0.1500			0.1498
CC7F3Y	0.1439	0.1451					0.1445
CRMBHV	0.1447	0.1466					0.1457
D6U8GM	0.1450	0.1440					0.1445
DAUGRN	0.1453	0.1459	0.1447	0.1459			0.1455
DT7Y8Z	0.1220	0.1260					0.1240
E39H2F	0.1516	0.1495	0.1532	0.1512			0.1514
EK9NDG	0.1521	0.1524	0.1514	0.1532			0.1523
ETXNFL	0.1340	0.1330	0.1280	0.1250			0.1300
GBUJDV	0.1380	0.1370					0.1375
GPFTZZ	0.1440	0.1460					0.1450
H7G3HC	0.1370	0.1390					0.1380
HJ4CZB	0.1424	0.1454	0.1353	0.1406			0.1409
HX3EJ4	0.1413	0.1394	0.1409	0.1401			0.1404
JENAJX	0.1400	0.1417					0.1409
KWLWEN	0.1430	0.1460					0.1445
KZ32BY	0.1408	0.1411					0.1410
LR6QHE	0.1426	0.1455	0.1440	0.1469			0.1448
LVLAJW	0.1501	0.1522					0.1512
M3MLFT	0.1439	0.1430					0.1435
MLVYHF	0.1491	0.1495	0.1507	0.1511			0.1501
MXR4T2	0.1456	0.1450					0.1453
NM6BVB	0.1460	0.1450					0.1455

TABLE 3B - Item 1 Batch B

WebCode	Item 1 (g/100mL)		Preparation Target BAC : 0.15g/100mL		Mean
NZ8YN6	0.1472	0.1474			0.1473
P9ZKGA	0.1479	0.1471	0.1475	0.1467	0.1473
PKQEPX	0.1490	0.1500			0.1495
PUGZVW	0.1429	0.1434	0.1431	0.1454	0.1437
Q7RRZG	0.1469	0.1462	0.1473		0.1468
QLJP3C	0.1455	0.1472	0.1456	0.1481	0.1466
QN4JU7	0.1474	0.1516			0.1495
R2BM47	0.1548	0.1529	0.1541	0.1521	0.1535
RH3K72	0.1481	0.1474	0.1490	0.1475	0.1480
TC7EMG	0.1440	0.1440	0.1470	0.1420	0.1443
TLUBMX	0.1540	0.1550			0.1545
TU7EM6	0.1440	0.1450			0.1445
U496UX	0.1474	0.1481	0.1436	0.1445	0.1459
VGBVAB	0.1444	0.1451			0.1448
X7KXD3	0.1447	0.1445	0.1497	0.1491	0.1470
XD9RGE	0.1461	0.1442			0.1452
Y4DV7X	0.1430	0.1440			0.1435
YG3UZK	0.1700	0.1400	0.1400	0.1500	0.1500
YNX4VC	0.1482	0.1478			0.1480
YZU2AW	0.1449	0.1462	0.1493	0.1502	0.1477
ZBPDYV	0.1474	0.1466	0.1514	0.1504	0.1490
ZMJWD2	0.1505	0.1422	0.1501	0.1421	0.1462
ZPE9GG	0.1410	0.1430			0.1420
ZREQ8V	0.1440	0.1460			0.1450
ZWRGK4	0.1321	0.1320			0.1321

Statistical Analysis for Item 1 Batch B

Grand Mean	0.1449	Number of Participants Included	67	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0064	Number of Participants Excluded	0		

TABLE 3B - Item 2 Batch B

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.21g/100mL				Mean
2FNXT8	0.2049	0.2049					0.2049
2GUUPV	0.2100	0.2080					0.2090
3L2KNV	0.2152	0.2200	0.2141	0.2190			0.2171
3XWTDV	0.1970	0.1970					0.1970
4ED24R	0.1960	0.1960					0.1960
4LYACN	0.2060	0.2050					0.2055
6AL8QQ	0.2760	0.2700					0.2730 X
6BTWKM	0.2071	0.2090					0.2081
6J9F4L	0.2073	0.2072					0.2073
82LLGU	0.2081	0.2086	0.2089	0.2092			0.2087
8JGGQW	0.2080	0.2060					0.2070
8L2BJQ	0.2120	0.2110	0.2090	0.2080	0.2110	0.2100	0.2102
8MGJY8	0.2143	0.2076					0.2110
92K8RZ	0.2050	0.2002					0.2026
982PYG	0.1890	0.1940					0.1915
9AQ8R2	0.2110	0.2140					0.2125
A7Q33N	0.2120	0.2156	0.2121	0.2152			0.2137
AVK9LG	0.2072	0.2052					0.2062
AW34HA	0.2103	0.2126					0.2115
BZDL76	0.2080	0.2090	0.2090	0.2110			0.2093
CC7F3Y	0.2088	0.2107					0.2098
CRMBHV	0.2117	0.2088					0.2103
D6U8GM	0.2040	0.2040					0.2040
DAUGRN	0.2078	0.2090	0.2075	0.2082			0.2081
DT7Y8Z	0.1920	0.1930					0.1925
E39H2F	0.2186	0.2146	0.2187	0.2128			0.2162
EK9NDG	0.2151	0.2153	0.2140	0.2173			0.2154
ETXNFL	0.1920	0.1900	0.1920	0.1890			0.1908
GBUJDV	0.2000	0.1980					0.1990
GPFTZZ	0.2040	0.2060					0.2050
H7G3HC	0.1940	0.1950					0.1945
HJ4CZB	0.2014	0.2034	0.1971	0.1985			0.2001
HX3EJ4	0.2012	0.1995	0.2011	0.2007			0.2006
JENAJX	0.2041	0.2022					0.2032
KWLWEN	0.2220	0.2220					0.2220
KZ32BY	0.2017	0.2017					0.2017
LR6QHE	0.2038	0.2104	0.2055	0.2123			0.2080
LVLAJW	0.2126	0.2148					0.2137
M3MLFT	0.2030	0.2048					0.2039
MLVYHF	0.2119	0.2126	0.2127	0.2132			0.2126
MXR4T2	0.2067	0.2061					0.2064
NM6BVB	0.2040	0.2030					0.2035

TABLE 3B - Item 2 Batch B

WebCode	Item 2 (g/100mL)		Preparation Target BAC : 0.21g/100mL		Mean
NZ8YN6	0.2129	0.2124			0.2127
P9ZKGA	0.2106	0.2085	0.2095	0.2076	0.2091
PKQEPX	0.2070	0.2090			0.2080
PUGZVV	0.2032	0.2045	0.2031	0.2055	0.2041
Q7RRZG	0.2091	0.2088	0.2083		0.2087
QLJP3C	0.2083	0.2123	0.2083	0.2112	0.2100
QN4JU7	0.2112	0.2111			0.2112
R2BM47	0.2202	0.2155	0.2183	0.2147	0.2172
RH3K72	0.2140	0.2069	0.2133	0.2084	0.2107
TC7EMG	0.2030	0.2020	0.2010	0.2100	0.2040
TLUBMX	0.2240	0.2170			0.2205
TU7EM6	0.2020	0.2020			0.2020
U496UX	0.2107	0.2110	0.2041	0.2047	0.2076
VGBVAB	0.2020	0.2059			0.2040
X7KXD3	0.1997	0.1990	0.2058	0.2055	0.2025
XD9RGE	0.2054	0.2070			0.2062
Y4DV7X	0.1990	0.2040			0.2015
YG3UZK	0.2100	0.2100	0.2200	0.2300	0.2175
YNX4VC	0.2115	0.2118			0.2117
YZU2AW	0.2120	0.2127	0.2159	0.2162	0.2142
ZBPDYV	0.2160	0.2137	0.2155	0.2109	0.2140
ZMJWD2	0.2138	0.2039	0.2112	0.1996	0.2071
ZPE9GG	0.2050	0.2100			0.2075
ZREQ8V	0.2050	0.2050			0.2050
ZWRGK4	0.1917	0.1951			0.1934

Statistical Analysis for Item 2 Batch B

Grand Mean	0.2070	Number of Participants Included	66	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0067	Number of Participants Excluded	1		

TABLE 3B - Item 3 Batch B

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.10g/100mL				Mean
2FNXT8	0.0961	0.0955					0.0958
2GUUPV	0.0960	0.0960					0.0960
3L2KNV	0.0986	0.0991	0.0999	0.1008			0.0996
3XWTDV	0.0910	0.0910					0.0910
4ED24R	0.0900	0.0890					0.0895
4LYACN	0.0910	0.0930					0.0920
6AL8QQ	0.1010	0.1040					0.1025
6BTWKM	0.0968	0.0958					0.0963
6J9F4L	0.0970	0.0964					0.0967
82LLGU	0.0955	0.0953	0.0952	0.0951			0.0953
8JGGQW	0.0960	0.0960					0.0960
8L2BJQ	0.0950	0.0940	0.0910	0.0900	0.0950	0.0940	0.0932
8MGJY8	0.0985	0.0969					0.0977
92K8RZ	0.0935	0.0918					0.0927
982PYG	0.0860	0.0890					0.0875
9AQ8R2	0.0940	0.0970					0.0955
A7Q33N	0.0965	0.0966	0.0971	0.0973			0.0969
AVK9LG	0.0963	0.0970					0.0967
AW34HA	0.0968	0.0984					0.0976
BZDL76	0.0970	0.0980	0.0980	0.0990			0.0980
CC7F3Y	0.0965	0.0958					0.0962
CRMBHV	0.0962	0.0943					0.0953
D6U8GM	0.0930	0.0930					0.0930
DAUGRN	0.0937	0.0947	0.0932	0.0943			0.0940
DT7Y8Z	0.0890	0.0850					0.0870
E39H2F	0.0991	0.0989	0.0997	0.0995			0.0993
EK9NDG	0.0980	0.0980	0.0977	0.0994			0.0983
ETXNFL	0.0890	0.0890	0.0930	0.0930			0.0910
GBUJDV	0.0880	0.0920					0.0900
GPFTZZ	0.0960	0.0970					0.0965
H7G3HC	0.0880	0.0890					0.0885
HJ4CZB	0.0901	0.0939	0.0917	0.0930			0.0922
HX3EJ4	0.0929	0.0925	0.0931	0.0926			0.0928
JENAJX	0.0931	0.0925					0.0928
KWLWEN	0.1020	0.1010					0.1015
KZ32BY	0.0924	0.0922					0.0923
LR6QHE	0.0932	0.0938	0.0933	0.0942			0.0936
LVLAJW	0.0983	0.0974					0.0979
M3MLFT	0.0937	0.0942					0.0940
MLVYHF	0.0962	0.0967	0.0972	0.0975			0.0969
MXR4T2	0.0954	0.0958					0.0956
NM6BVB	0.0960	0.0940					0.0950

TABLE 3B - Item 3 Batch B

WebCode	Item 3 (g/100mL)		Preparation Target BAC : 0.10g/100mL		Mean
NZ8YN6	0.0991	0.0966			0.0979
P9ZKGA	0.0959	0.0953	0.0955	0.0948	0.0954
PKQEPX	0.0950	0.0940			0.0945
PUGZVV	0.0944	0.0936	0.0944	0.0940	0.0941
Q7RRZG	0.0953	0.0956			0.0955
QLJP3C	0.0943	0.0950	0.0943	0.0947	0.0946
QN4JU7	0.0947	0.0950			0.0949
R2BM47	0.0992	0.0989	0.1006	0.0997	0.0996
RH3K72	0.0956	0.0944	0.0951	0.0959	0.0953
TC7EMG	0.0950	0.0950	0.0930	0.0970	0.0950
TLUBMX	0.0990	0.1020			0.1005
TU7EM6	0.0940	0.0940			0.0940
U496UX	0.0955	0.0962	0.0942	0.0950	0.0952
VGBVAB	0.0952	0.0946			0.0949
X7KXD3	0.0959	0.0960	0.0947	0.0947	0.0953
XD9RGE	0.0959	0.0957			0.0958
Y4DV7X	0.0920	0.0930			0.0925
YG3UZK	0.0900	0.1000	0.1200	0.0900	0.1000
YNX4VC	0.0979	0.0966			0.0973
YZU2AW	0.0940	0.0943	0.0967	0.0966	0.0954
ZBPDYV	0.0962	0.0957	0.0994	0.0988	0.0975
ZMJWD2	0.0958	0.0894	0.0964	0.0909	0.0931
ZPE9GG	0.0910	0.0900			0.0905
ZREQ8V	0.0960	0.0960			0.0960
ZWRGK4	0.0846	0.0880			0.0863

Statistical Analysis for Item 3 Batch B

Grand Mean	0.0949	Number of Participants Included	67	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0033	Number of Participants Excluded	0		

TABLE 3B - Item 4 Batch B

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.07g/100mL				Mean
2FNXT8	0.0655	0.0658					0.0657
2GUUPV	0.0640	0.0650					0.0645
3L2KNV	0.0712	0.0709	0.0704	0.0701			0.0707
3XWTDV	0.0610	0.0620					0.0615
4ED24R	0.0650	0.0650					0.0650
4LYACN	0.0640	0.0650					0.0645
6AL8QQ	0.0730	0.0700					0.0715
6BTWKM	0.0669	0.0671					0.0670
6J9F4L	0.0667	0.0669					0.0668
82LLGU	0.0654	0.0654	0.0654	0.0655			0.0654
8JGGQW	0.0680	0.0680					0.0680
8L2BJQ	0.0660	0.0640	0.0650	0.0630	0.0660	0.0640	0.0647
8MGJY8	0.0686	0.0684					0.0685
92K8RZ	0.0635	0.0628					0.0632
982PYG	0.0600	0.0610					0.0605
9AQ8R2	0.0650	0.0660					0.0655
A7Q33N	0.0664	0.0669	0.0666	0.0673			0.0668
AVK9LG	0.0678	0.0677					0.0678
AW34HA	0.0680	0.0690					0.0685
BZDL76	0.0680	0.0680	0.0690	0.0690			0.0685
CC7F3Y	0.0682	0.0673					0.0678
CRMBHV	0.0679	0.0672					0.0676
D6U8GM	0.0640	0.0650					0.0645
DAUGRN	0.0648	0.0655	0.0641	0.0651			0.0649
DT7Y8Z	0.0590	0.0600					0.0595
E39H2F	0.0677	0.0677	0.0683	0.0682			0.0680
EK9NDG	0.0676	0.0675	0.0681	0.0688			0.0680
ETXNFL	0.0620	0.0610	0.0640	0.0640			0.0628
GBUJDV	0.0620	0.0630					0.0625
GPFTZZ	0.0670	0.0670					0.0670
H7G3HC	0.0590	0.0600					0.0595
HJ4CZB	0.0625	0.0675	0.0631	0.0686			0.0654
HX3EJ4	0.0657	0.0657	0.0655	0.0653			0.0656
JENAJX	0.0652	0.0641					0.0647
KWLWEN	0.0700	0.0670					0.0685
KZ32BY	0.0640	0.0639					0.0640
LR6QHE	0.0647	0.0645	0.0640	0.0639			0.0643
LVLAJW	0.0691	0.0690					0.0691
M3MLFT	0.0631	0.0634					0.0633
MLVYHF	0.0671	0.0675	0.0672	0.0675			0.0673
MXR4T2	0.0662	0.0663					0.0663
NM6BVB	0.0650	0.0650					0.0650

TABLE 3B - Item 4 Batch B

WebCode	Item 4 (g/100mL)		Preparation Target BAC : 0.07g/100mL		Mean
NZ8YN6	0.0676	0.0675			0.0676
P9ZKGA	0.0662	0.0661	0.0661	0.0660	0.0661
PKQEPX	0.0670	0.0660			0.0665
PUGZVV	0.0658	0.0652	0.0660	0.0654	0.0656
Q7RRZG	0.0665	0.0644			0.0655
QLJP3C	0.0651	0.0652	0.0651	0.0648	0.0651
QN4JU7	0.0657	0.0662			0.0660
R2BM47	0.0698	0.0700	0.0697	0.0696	0.0698
RH3K72	0.0635	0.0624	0.0643	0.0640	0.0636
TC7EMG	0.0690	0.0670	0.0630	0.0660	0.0663
TLUBMX	0.0690	0.0710			0.0700
TU7EM6	0.0650	0.0660			0.0655
U496UX	0.0659	0.0667	0.0656	0.0648	0.0658
VGBVAB	0.0669	0.0672			0.0671
X7KXD3	0.0674	0.0674	0.0674	0.0677	0.0675
XD9RGE	0.0670	0.0659			0.0665
Y4DV7X	0.0630	0.0640			0.0635
YG3UZK	0.0600	0.0700	0.0700	0.0700	0.0675
YNX4VC	0.0676	0.0678			0.0677
YZU2AW	0.0652	0.0651	0.0663	0.0665	0.0658
ZBPDYV	0.0689	0.0691	0.0699	0.0699	0.0695
ZMJWD2	0.0663	0.0618	0.0666	0.0618	0.0641
ZPE9GG	0.0630	0.0620			0.0625
ZREQ8V	0.0670	0.0670			0.0670
ZWRGK4	0.0569	0.0579			0.0574

Statistical Analysis for Item 4 Batch B

Grand Mean	0.0658	Number of Participants Included	67	Number of Participants without Raw Data or Data that was not reported in g/ 100mL	0
Standard Deviation	0.0026	Number of Participants Excluded	0		

TABLE 3B - Response Summary for Batch B

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15	0.21	0.10	0.07
Grand Mean	0.1449	0.2070	0.0949	0.0658
Standard Deviation	0.0064	0.0067	0.0033	0.0026

TABLE 3C - Item 1 Batch C

WebCode	Item 1 (g/100mL)			Preparation Target BAC : 0.15g/100mL				Mean
2HZF3A	0.1310	0.1350	0.1330					0.1330
2MXMX6	0.1427	0.1424						0.1426
2NB9TZ	0.1453	0.1402						0.1428
2QEYNU	0.1420	0.1460						0.1440
3N2RX7	0.1410	0.1410						0.1410
6A2MQL	0.1480	0.1450	0.1440	0.1470				0.1460
89E4NB	0.1485	0.1475						0.1480
9TKW9P	0.1467	0.1407						0.1437
A4VPZ4	0.1429	0.1431	0.1445	0.1446				0.1438
AAK22Q	0.1460	0.1440						0.1450
AG8TMQ	0.1351	0.1398						0.1375
AYELRC	0.1439	0.1412						0.1426
BD4KTZ	0.1436	0.1480						0.1458
BWF8GU	0.1416	0.1390						0.1403
D6C329	0.1330	0.1410	0.1360	0.1430				0.1383
DYLYXR	0.1452	0.1446	0.1462	0.1455				0.1454
EJQTE2	0.1430	0.1460						0.1445
ERJ79A	0.1408	0.1379	0.1403	0.1381				0.1393
FE9VFD	0.1595	0.1632						0.1614
G4UBKN	0.1450	0.1460	0.1480					0.1463
HHBGFM	0.1395	0.1421						0.1408
HHPWH4	0.1228	0.1241						0.1235
KDNJZW	0.1418	0.1449						0.1434
KPY6XV	0.1460	0.1470						0.1465
KTEE68	0.1490	0.1490						0.1490
L964CN	0.1410	0.1450						0.1430
L9EK7H	0.1411	0.1444						0.1428
MD2PEC	0.1518	0.1479						0.1499
NC4V2Z	0.1557	0.1646	0.1555	0.1840				0.1650
NDXNPW	0.1507	0.1521						0.1514
NE6ZCY	0.1470	0.1470						0.1470
NHN9MK	0.1420	0.1410	0.1440	0.1440	0.1450	0.1440	0.1440	0.1435
P2DX6R	0.1450	0.1410	0.1310	0.1420	0.1470			0.1412
P2Z6NV	0.1505	0.1505						0.1505
P9TGPQ	0.1330	0.1350						0.1340
QBYA9G	0.1390	0.1370	0.1430	0.1420				0.1403
QZYT9E	0.1450	0.1450	0.1420					0.1440
RJ6MDP	0.1460	0.1490	0.1450	0.1460				0.1465
RRZMQW	0.1380	0.1390	0.1390	0.1380				0.1385
TDEGLA	0.1465	0.1460	0.1460	0.1457				0.1461
TEVQHG	0.1477	0.1481						0.1479
TPMF3U	0.1470	0.1470						0.1470

TABLE 3C - Item 1 Batch C

WebCode	Item 1 (g/100mL)				Preparation Target BAC : 0.15g/100mL	Mean
TRHUUT	0.1457	0.1450	0.1483	0.1470		0.1465
UTKAJW	0.1456	0.1466				0.1461
UU6W7K	0.1479	0.1476				0.1478
VDQ22N	0.1410	0.1400				0.1405
W9UJGH	0.1360	0.1330				0.1345
WHUCMM	0.1421	0.1412				0.1416
WJ6EAL	0.1454	0.1492	0.1456	0.1488		0.1473
XQ8KYB	0.1458	0.1467				0.1463
Y92WVP						
YFTZ4L	0.1452	0.1415				0.1434
YJZELR	0.1470	0.1480				0.1475
YZRBNM	0.1415	0.1426				0.1420
Z3R288	0.1424	0.1410	0.1417	0.1411		0.1415

Statistical Analysis for Item 1 Batch C

Grand Mean	0.1440	Number of Participants Included	54	Number of Participants without 1 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0061	Number of Participants Excluded	0	

TABLE 3C - Item 2 Batch C

WebCode	Item 2 (g/100mL)			Preparation Target BAC : 0.21g/100mL				Mean	
2HZF3A	0.1820	0.1830	0.1840					0.1830	
2MXMX6	0.2011	0.2009						0.2010	
2NB9TZ	0.2018	0.2028						0.2023	
2QEYNU	0.2030	0.2020						0.2025	
3N2RX7	0.2000	0.1940						0.1970	
6A2MQL	0.2020	0.2050	0.2000	0.2050				0.2030	
89E4NB	0.2119	0.2144						0.2132	
9TKW9P	0.2067	0.1989						0.2028	
A4VPZ4	0.2027	0.2051	0.2055	0.2036				0.2042	
AAK22Q	0.2040	0.2010						0.2025	
AG8TMQ	0.1909	0.1946						0.1928	
AYELRC	0.2019	0.1996						0.2008	
BD4KTZ	0.2002	0.2081						0.2042	
BWF8GU	0.2018	0.1993						0.2006	
D6C329	0.2030	0.2020	0.2110	0.1940				0.2025	
DYLXYR	0.2049	0.2079	0.2058	0.2089				0.2069	
EJQTE2	0.2030	0.2040						0.2035	
ERJ79A	0.1995	0.1993	0.1992	0.1990				0.1993	
FE9VFD	0.1927	0.2006						0.1967	
G4UBKN	0.2070	0.2090	0.2090					0.2083	
HHBGFM	0.2017	0.2013						0.2015	
HHPWH4	0.1771	0.1777						0.1774	
KDNJZW	0.2027	0.2055						0.2041	
KPY6XV	0.2060	0.2060						0.2060	
KTEE68	0.2050	0.2180						0.2115	
L964CN	0.2030	0.2020						0.2025	
L9EK7H	0.2019	0.2039						0.2029	
MD2PEC	0.2081	0.2090						0.2086	
NC4V2Z	0.2157	0.2324	0.2230	0.2394				0.2276	
NDXNPW	0.2114	0.2099						0.2107	
NE6ZCY	0.2060	0.2060						0.2060	
NHN9MK	0.1980	0.1960	0.2030	0.2020	0.2000	0.1990	0.2000	0.1990	0.1996
P2DX6R	0.2040	0.1960	0.1880	0.1990	0.1970				0.1968
P2Z6NV	0.2112	0.2173							0.2143
P9TGPQ	0.1900	0.1880							0.1890
QBYA9G	0.1980	0.2000	0.1960	0.1980					0.1980
QZYT9E	0.2060	0.1990	0.2030	0.2010					0.2023
RJ6MDP	0.2030	0.2060	0.2030	0.2030					0.2038
RRZMQW	0.1970	0.1960	0.1950	0.1940					0.1955
TDEGLA	0.2052	0.2048	0.2056	0.2052					0.2052
TEVQHG	0.2092	0.2039							0.2066
TPMF3U	0.2080	0.2080							0.2080

TABLE 3C - Item 2 Batch C

WebCode	Item 2 (g/100mL)				Preparation Target BAC : 0.21g/100mL	Mean
TRHUUT	0.2003	0.2014	0.2069	0.2030		0.2029
UTKAJW	0.2065	0.2070				0.2068
UU6W7K	0.2037	0.2041				0.2039
VDQ22N	0.1990	0.1980				0.1985
W9UJGH	0.1910	0.1950				0.1930
WHUCMM	0.1979	0.1975				0.1977
WJ6EAL	0.2041	0.2094	0.2073	0.2119		0.2082
XQ8KYB	0.1983	0.2025				0.2004
Y92WVP						
YFTZ4L	0.1989	0.2009				0.1999
YJZELR	0.2080	0.2090				0.2085
YZRBNM	0.1978	0.1979				0.1979
Z3R288	0.1997	0.1997	0.1999	0.1992		0.1996

Statistical Analysis for Item 2 Batch C

Grand Mean	0.2023	Number of Participants Included	54	Number of Participants without 1 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0075	Number of Participants Excluded	0	

TABLE 3C - Item 3 Batch C

WebCode	Item 3 (g/100mL)			Preparation Target BAC : 0.10g/100mL					Mean
2HZF3A	0.0850	0.0880	0.0880						0.0870
2MXMX6	0.0930	0.0925							0.0928
2NB9TZ	0.0965	0.0926							0.0946
2QEYNU	0.1000	0.0980							0.0990
3N2RX7	0.0930	0.0880							0.0905
6A2MQL	0.0980	0.0940	0.0960	0.0960					0.0960
89E4NB	0.0999	0.0977							0.0988
9TKW9P	0.0946	0.0952							0.0949
A4VPZ4	0.0942	0.0953	0.0967	0.0952					0.0954
AAK22Q	0.0950	0.0950							0.0950
AG8TMQ	0.0899	0.0923							0.0911
AYELRC	0.0942	0.0922							0.0932
BD4KTZ	0.0941	0.0947							0.0944
BWF8GU	0.0941	0.0919							0.0930
D6C329	0.0910	0.0860	0.0900	0.0930					0.0900
DYLXYR	0.0946	0.0933	0.0955	0.0941	0.0949	0.0938	0.0952	0.0939	0.0944
EJQTE2	0.0930	0.0940							0.0935
ERJ79A	0.0931	0.0933	0.0934	0.0929					0.0932
FE9VFD	0.1030	0.1065							0.1048
G4UBKN	0.0960	0.0950	0.0970						0.0960
HHBGFM	0.0939	0.0937							0.0938
HHPWH4	0.0830	0.0837							0.0834
KDNJZW	0.0942	0.0940							0.0941
KPY6XV	0.0940	0.0950							0.0945
KTEE68	0.1210	0.1320							0.1265 X
L964CN	0.0930	0.0930							0.0930
L9EK7H	0.0927	0.0929							0.0928
MD2PEC	0.0935	0.0986							0.0961
NC4V2Z	0.1042	0.1074	0.1046	0.1103					0.1066
NDXNPW	0.0993	0.0971							0.0982
NE6ZCY	0.0960	0.0960							0.0960
NHN9MK	0.0930	0.0930	0.0950	0.0940	0.0940	0.0940	0.0930	0.0930	0.0936
P2DX6R	0.0860	0.0890	0.0900	0.0840	0.0930				0.0884
P2Z6NV	0.0998	0.1019							0.1009
P9TGPQ	0.0890	0.0900							0.0895
QBYA9G	0.0910	0.0890	0.0930	0.0910					0.0910
QZYT9E	0.0940	0.0950	0.0950	0.0930					0.0943
RJ6MDP	0.0940	0.0960	0.0920	0.0940					0.0940
RRZMQW	0.0920	0.0910	0.0910	0.0910					0.0913
TDEGLA	0.0935	0.0934	0.0943	0.0943					0.0939
TEVQHG	0.0941	0.0924							0.0933
TPMF3U	0.0950	0.0950							0.0950

TABLE 3C - Item 3 Batch C

WebCode	Item 3 (g/100mL)				Preparation Target BAC : 0.10g/100mL	Mean
TRHUUT	0.0982	0.0945	0.0923	0.0937		0.0947
UTKAJW	0.0962	0.0962				0.0962
UU6W7K	0.0960	0.0964				0.0962
VDQ22N	0.0920	0.0920				0.0920
W9UJGH	0.0900	0.0890				0.0895
WHUCMM	0.0909	0.0910				0.0910
WJ6EAL	0.0955	0.0989	0.0946	0.0980		0.0968
XQ8KYB	0.0936	0.0963				0.0950
Y92WVP						
YFTZ4L	0.0919	0.0908				0.0914
YJZELR	0.0960	0.0970				0.0965
YZRBNM	0.0911	0.0905				0.0908
Z3R288	0.0924	0.0918	0.0926	0.0926		0.0924

Statistical Analysis for Item 3 Batch C

Grand Mean	0.0940	Number of Participants Included	53	Number of Participants without 1 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0038	Number of Participants Excluded	1	

TABLE 3C - Item 4 Batch C

WebCode	Item 4 (g/100mL)			Preparation Target BAC : 0.07g/100mL				Mean
2HZF3A	0.0520	0.0520	0.0530					0.0523
2MXMX6	0.0635	0.0630						0.0633
2NB9TZ	0.0657	0.0645						0.0651
2QEYNU	0.0670	0.0670						0.0670
3N2RX7	0.0640	0.0590						0.0615
6A2MQL	0.0640	0.0640	0.0640	0.0640				0.0640
89E4NB	0.0707	0.0652						0.0680
9TKW9P	0.0669	0.0646						0.0658
A4VPZ4	0.0642	0.0644	0.0655	0.0656				0.0649
AAK22Q	0.0670	0.0660						0.0665
AG8TMQ	0.0609	0.0625						0.0617
AYELRC	0.0639	0.0632						0.0636
BD4KTZ	0.0639	0.0631						0.0635
BWF8GU	0.0642	0.0620						0.0631
D6C329	0.0570	0.0550	0.0550	0.0560				0.0558
DYLXYR	0.0655	0.0645	0.0654	0.0645				0.0650
EJQTE2	0.0640	0.0640						0.0640
ERJ79A	0.0633	0.0633	0.0635	0.0635				0.0634
FE9VFD	0.0703	0.0779						0.0741
G4UBKN	0.0660	0.0660	0.0660					0.0660
HHBGFM	0.0668	0.0645						0.0657
HHPWH4	0.0492	0.0525						0.0509
KDNJZW	0.0635	0.0634						0.0635
KPY6XV	0.0640	0.0640						0.0640
KTEE68	0.0640	0.0680						0.0660
L964CN	0.0630	0.0640						0.0635
L9EK7H	0.0623	0.0625						0.0624
MD2PEC	0.0671	0.0661						0.0666
NC4V2Z	0.0757	0.0742	0.0712	0.0718				0.0732
NDXNPW	0.0688	0.0656						0.0672
NE6ZCY	0.0650	0.0650						0.0650
NHN9MK	0.0650	0.0650	0.0660	0.0660	0.0640	0.0640	0.0640	0.0648
P2DX6R	0.0590	0.0600	0.0610	0.0530	0.0600			0.0586
P2Z6NV	0.0671	0.0665						0.0668
P9TGPQ	0.0620	0.0610						0.0615
QBYA9G	0.0640	0.0600	0.0630	0.0590				0.0615
QZYT9E	0.0650	0.0650	0.0640	0.0640				0.0645
RJ6MDP	0.0630	0.0630	0.0630	0.0640				0.0633
RRZMQW	0.0610	0.0610	0.0610	0.0610				0.0610
TDEGLA	0.0651	0.0652	0.0647	0.0648				0.0650
TEVQHG	0.0665	0.0660						0.0663
TPMF3U	0.0650	0.0650						0.0650

TABLE 3C - Item 4 Batch C

WebCode	Item 4 (g/100mL)			Preparation Target BAC : 0.07g/100mL	Mean
TRHUUT	0.0640	0.0653	0.0628	0.0634	0.0639
UTKAJW	0.0660	0.0659			0.0659
UU6W7K	0.0628	0.0650			0.0639
VDQ22N	0.0620	0.0620			0.0620
W9UJGH	0.0600	0.0600			0.0600
WHUCMM	0.0594	0.0593			0.0593
WJ6EAL	0.0650	0.0684	0.0647	0.0682	0.0666
XQ8KYB	0.0646	0.0648			0.0647
Y92WVP					
YFTZ4L	0.0631	0.0641			0.0636
YJZELR	0.0650	0.0650			0.0650
YZRBNM	0.0589	0.0594			0.0592
Z3R288	0.0637	0.0634	0.0637	0.0631	0.0635

Statistical Analysis for Item 4 Batch C

Grand Mean	0.0637	Number of Participants Included	54	Number of Participants without 1 Raw Data or Data that was not reported in g/ 100mL
Standard Deviation	0.0039	Number of Participants Excluded	0	

TABLE 3C - Response Summary for Batch C

Response Summary	Item 1	Item 2	Item 3	Item 4
Preparation BAC:	0.15	0.21	0.10	0.07
Grand Mean	0.1440	0.2023	0.0940	0.0637
Standard Deviation	0.0061	0.0075	0.0038	0.0039

Method of Analysis

TABLE 4

Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-2GX37V	✓			
A-2LMC3R		✓		
A-2LQAP4	✓			
A-4D8HGH	✓			
A-4H647Y	✓			
A-6MBMTB	✓			
A-76PVER	✓			
A-862AZR	✓			
A-87DPQL	✓			
A-88A62X	✓			
A-8WV3MC	✓			
A-96Y8Z7	✓			
A-9KQ622	✓			
A-9VCLYX	✓			
A-AEJF69	✓			
A-AMZC39	✓			
A-ARL4W3	✓			
A-BLZ9TD	✓			
A-CPRKZZ	✓			
A-D49C8Z	✓			
A-DDU2YY	✓			
A-DRUBUF	✓			
A-DZAUDE	✓			
A-ERBQHG	✓			
A-FB4JW6	✓			
A-FJYGLT		✓		
A-G3MW8F	✓			
A-G9VQEB		✓		

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-GNK9FM	✓			
A-GR3JB6	✓			
A-GV74E6	✓			
A-HX7UXP	✓			
A-J7DDP6	✓			GC #10
A-JEAD3C	✓			
A-K2EUA8	✓			
A-KNRKN2	✓			
A-L7P7NY	✓			
A-L82NFP	✓			
A-L9E2HZ	✓			
A-LFUE6K	✓			
A-LJW88W	✓			
A-M333C8	✓			
A-MMRJF2	✓			
A-NAKV2C	✓			
A-NF7Q62	✓			
A-Q3TY2W	✓			
A-QKB9EE	✓			
A-R6D9N3	✓			
A-R8J2RW	✓			
A-RHKW4R	✓			
A-RUREHV	✓			
A-TTUNQ8	✓			
A-UJQQM4	✓			
A-UPR3J2	✓			
A-VKZZBV	✓			
A-VXK69W	✓			

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
A-WGTYN3	✓			
A-X3PKVP	✓			
A-X9Y7WN	✓			
A-XLJF7R	✓			
A-YCP86F	✓			
A-YG3BAH	✓			
A-Z4ANLG	✓			
A-Z7YAZP	✓			
A-ZQ3WJ9	✓			
A-ZZGLLM	✓			
B-2FNXT8	✓			
B-2GUUPV	✓			
B-3L2KNV	✓			
B-3XWTDV	✓			
B-4ED24R	✓			
B-4LYACN	✓			
B-6AL8QQ	✓			
B-6BTWKM	✓			
B-6J9F4L	✓			
B-82LLGU	✓			
B-8JGGQW	✓			
B-8L2BJQ	✓			
B-8MGJY8	✓			
B-92K8RZ	✓			
B-982PYG	✓			
B-9AQ8R2	✓			
B-A7Q33N	✓			
B-AVK9LG				Headspace GC/FID
B-AW34HA	✓			

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
B-BZDL76	✓			
B-CC7F3Y	✓			
B-CRMBHV	✓			
B-D6U8GM	✓			
B-DAUGRN	✓			
B-DT7Y8Z	✓			
B-E39H2F	✓			
B-EK9NDG	✓			
B-ETXNFL	✓			
B-GBUJDV	✓			
B-GPFTZZ	✓			
B-H7G3HC	✓			
B-HJ4CZB	✓			
B-HX3EJ4	✓			
B-JENAJX	✓			
B-KWLWEN	✓			
B-KZ32BY	✓			
B-LR6QHE	✓			
B-LVLAJW	✓			
B-M3MLFT	✓			
B-MLVYHF	✓			
B-MXR4T2	✓			
B-NM6BVB	✓			
B-NZ8YN6	✓			
B-P9ZKGA	✓			
B-PKQEPX	✓			
B-PUGZW	✓			
B-Q7RRZG	✓			

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
B-QLJP3C	✓			
B-QN4JU7	✓			
B-R2BM47	✓			
B-RH3K72	✓			
B-TC7EMG			✓	
B-TLUBMX	✓			
B-TU7EM6	✓			
B-U496UX	✓			
B-VGBVAB	✓			
B-X7KXD3	✓			
B-XD9RGE	✓			
B-Y4DV7X	✓			
B-YG3UZK	✓			
B-YNX4VC				Headspace GC/FID
B-YZU2AW	✓			
B-ZBPDYV	✓			
B-ZMJWD2	✓			
B-ZPE9GG	✓			
B-ZREQ8V	✓			
B-ZWRGK4	✓			
C-2HZF3A	✓			
C-2MXMX6	✓			
C-2NB9TZ				Headspace GC/MS
C-2QEYNU	✓			
C-3N2RX7	✓			
C-6A2MQL	✓			
C-89E4NB				HSGC/MS
C-9TKW9P				Headspace GC/MS
C-A4VPZ4	✓			

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
C-AAK22Q	✓			
C-AG8TMQ				Headspace GC FID and MS
C-AYELRC	✓			
C-BD4KTZ				Headspace GC/MS
C-BWF8GU				
C-D6C329	✓			
C-DYLXYR	✓			
C-EJQTE2	✓			
C-ERJ79A	✓			
C-FE9VFD	✓			
C-G4UBKN	✓			
C-HHBGFM				Headspace GC/MS
C-HHPWH4	✓			
C-KDNJZW				Headspace GC/Mass Spec
C-KPY6XV	✓			
C-KTEE68	✓			
C-L964CN	✓			
C-L9EK7H				Headspace GC/FID & GC/MS
C-MD2PEC	✓			
C-NC4V2Z	✓			
C-NDXNPW				Headspace GC/MS
C-NE6ZCY		✓		
C-NHN9MK	✓			
C-P2DX6R		✓		
C-P2Z6NV				HSGC/MS
C-P9TGPQ	✓			
C-QBYA9G	✓			
C-QZYT9E	✓			

TABLE 4
Method of Analysis

Batch - WebCode	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	Other
C-RJ6MDP				GC FID
C-RRZMQW	✓			
C-TDEGLA	✓			
C-TEVQHG				Headspace GC/Mass Spectrometer
C-TPMF3U	✓			
C-TRHUUT	✓			
C-UTKAJW	✓			
C-UU6W7K				
C-VDQ22N	✓			
C-W9UJGH	✓			
C-WHUCMM	✓			
C-WJ6EAL	✓			
C-XQ8KYB				Headspace GC/MS
C-Y92WVP	✓			
C-YFTZ4L				Headspace GC/MS
C-YJZELR	✓			
C-YZRBNM	✓			
C-Z3R288	✓			

Response Summary				
Participants	Headspace GC	Direct Injection GC	Alcohol Dehydrogenase	
188	164	5	1	
Percent	87%	3%	1%	

Additional Comments

TABLE 5

Batch - WebCode	Additional Comments
A-88A62X	Uncertainty of measurement +/- 5.00%.
A-9VCLYX	Uncertainty of measurement (5% at the 99.7% confidence interval) is calculated from the mean of several determinations, rounded up (to 3 decimal places), and reported in the same units as results. Sample tubes not completely filled - headspace over samples may contribute to some loss of volatiles.
A-BLZ9TD	Reported uncertainty at a coverage probability of 95.45%: Item 1: 0.008 g/100mL. Item 2: 0.012 g/100mL. Item 3: 0.006 g/100mL. Item 4: 0.004 g/100mL.
A-CPRKZZ	The result(s) listed above include the estimated measurement uncertainty of 4.2% at an expanded coverage probability of 95%.
A-G3MW8F	Samples analyzed on BARS I instrument.
A-GNK9FM	Analyses were conducted in duplicate in accordance with the provisions of [State] Administrative Code. In addition, the estimated measurement of uncertainty is reported with each result per [State] Toxicology Standard Operating Procedure. [From Table 3 - Raw Data & Statistical Analysis: Item 1: "± 0.006"; Item 2: "± 0.009"; Item 3: "± 0.004"; Item 4: "± 0.003"]
A-K2EUA8	Raw data was obtained using two different instruments identified as BARS I and BARS II. Samples were analyzed in duplicate on each instrument. The reported results indicated in 1a [Table 1] are the mean value of the two replicate samples truncated, without rounding, at the third decimal place. There was no difference in the reporting results for each of the two instruments used.
A-L82NFP	The reported values include the estimated measurement uncertainty of 4.2% at an expanded coverage probability of 95%.
A-Q3TY2W	HS GC #9
A-RUREHV	Measurement Uncertainty at a coverage probability of 95.45%: Item 1: ± 0.009 g/100 mL. Item 2: ± 0.012 g/100 mL. Item 3: ± 0.006 g/100 mL. Item 4: ± 0.004 g/100 mL.
A-VXK69W	[From Table 3 - Raw Data & Statistical Analysis: Item 1: "± 0.009"; Item 2: "± 0.013"; Item 3: "± 0.006"; Item 4: "± 0.004"]
A-X3PKVP	GC #8
A-ZZGLLM	Samples analyzed on PE2.
B-2FNXT8	Results are rounded to 3 decimal places +/- UOM. [From Table 3 - Raw Data & Statistical Analysis: Item 1: "x = 0.1427"; Item 2: "x = 0.2049"; Item 3: "x = 0.0958"; Item 4: "x = 0.0657"]
B-8L2BJQ	Also tested on 2014-04-02 & 2014-04-10 by other qualified analysts.
B-CC7F3Y	Uncertainty of measurement = ±7.5%, k = 3; BAC range reported. Item 1: 0.145 ± 0.011 g/100 mL, Range = 0.134 to 0.156 g/100 mL. Item 2: 0.210 ± 0.016 g/100mL, Range = 0.194 to 0.226 g/100 mL. Item 3: 0.096 ± 0.008 g/100 mL, Range = 0.088 to 0.104 g/100 mL. Item 4: 0.068 ± 0.006 g/100 mL, Range = 0.062 to 0.074 g/100 mL.
B-CRMBHV	Instruction for results of blood alcohol concentration do not provide for listing uncertainty of measurement and this was intentionally omitted from the values listed in section 1a. [Table 1].
B-HJ4CZB	[From Table 3 - Raw Data & Statistical Analysis: Item 1: "Mean - 0.140925"; Item 2: "Mean - 0.2001"; Item 3: "Mean - 0.092175"; Item 4: "Mean - 0.065425"]
B-HX3EJ4	Two aliquots are drawn from each item. Each of the two replicate aliquots is simultaneously assayed in duplicate on two parallel columns, thereby yielding a total of four result values for each item. The mean value of the four determinations is truncated to three decimal places for reporting purposes.

TABLE 5

Batch - WebCode	Additional Comments
B-PKQEPX	The reported expanded measurement uncertainty reflects coverage for a level of confidence of approximately 99.73%, assuming normal distribution.
B-PUGZVV	The above results are true analytical values. Routine drink/drive results are reduced by 6% and reported value is prefixed with "not less than".
B-U496UX	Sampled in replicate; run on two separate instruments (HSGC-C and HSGC-D).
B-XD9RGE	The estimated uncertainty of measurement is reported at a coverage probability of 95.45%.
B-YG3UZK	The lab has been accredited by [country specific accreditation agency].
C-2MXMX6	[From Table 1 - Reported Blood Alcohol Concentration, Items 1, 2, 3, 4: "at a level of confidence greater than 99.73%"]
C-DYLYXR	Item 3 was a critical range sample and as such was determined from an average of 8 results rather than 4 as with non-critical range samples. The laboratory procedure involves removing 6% from the measured average alcohol concentration before being reported to the customer.
C-G4UBKN	HS-GC with ISTD.
C-NC4V2Z	Equipment used are SHIMADZU GCMS-QP2010 Plus with GC Autosampler HTA Headspace Autosampler HT280T.
C-NHN9MK	[It was indicated in Table 3: Raw Data & Statistical Analysis that the testing for the first four values of each item was performed on 3/27/2014. The last four values for each item were obtained on 4/8/2014]
C-Y92WVP	[From Table 3: Raw Data & Statistical Analysis- Listing of raw data not used in statistical calculations "Item 1: 142, 143, 147, 148; Item 2: 201, 202, 208, 209; Item 3: 93, 93, 96, 97; Item 4: 62, 63, 66, 67"]

Appendix: Data Sheet

Collaborative Testing Services ~ Forensic Testing Program

Test No. 14-564: Blood Alcohol

DATA MUST BE RECEIVED BY May 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 BAC1):

Items 1-4: Vials of Blood

1 a.) 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: _____ ()

1 b.) 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 *May 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.

Page 2 of 3

RELEASE OF DATA TO ACCREDITATION BODIES

The following Accreditation Releases will apply only to:

Participant Code: _____ WebCode: _____
for Test No. **14-564: Blood Alcohol**

This release page must be completed and received by **May 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) _____

Accreditation Release

Return Instructions

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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