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Lab Number: L1609560

Client: Apex Labs

ATTN: Philip Nerenberg

Project Name: A6C1124

Project Number:

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Sample Delivery Group Information



Sample Delivery Group Form

Laboratory Job number: L1609560

Project Manager: Elizabeth Porta

Review Date: 04/01/2016

Project Number:

Project Name: A6C1124

Received: 04/01/2016 13:32

Client Account: Apex labs

Received by: KB

Samples Delivered by: UPS

Call Tracker #

Bill Of Laden Yes

Trackingnum 1ZX4720R1399366736

Coc Present Present

Container Status Intact

Sample IDs

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt N/A

Are samples Properly Preserved? Yes

Initial pH preserved in house with

Final pH

Other Issues

Chlorine Check N/A

Are VOA/VPV Vials Present? No

Aqueous: Do Vials Contain Head Space? N/A

Soils: Is MeOH Covering the Soil? N/A

Reagent H2O Preserved vials Frozen on N/A

Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
A	Absent	Yes	No	5.4 - IR Gun	No	No

LIMS Chain of Custody

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Apr 21 2016, 04:51 pm

Login Number: L1609560

Account: APEX-LABS Apex labs

Received: 01APR16 Due Date: 22APR16
Mat PR Collected Container

Sample #	Client ID	Received: Mat	PR	Collected	Due Date:	Container
L1609560-01	5237-160329-DC-EMB0	3	S0	29MAR16 10:15	1-Glass-A.120	
A2-DPKG-FULL Package Due Date: 04/22/16						
A2-DPKG-FULL,A2-SOOT-LK-4REPS						
L1609560-02	5237-160329-DC-EMB0	3	S0	29MAR16 10:35	1-Glass-A.120	
Package Due Date: 04/22/16						
A2-SOOT-LK-4REPS						
L1609560-03	5237-160329-DC-EMB0	3	S0	29MAR16 11:15	1-Glass-A.120	
Package Due Date: 04/22/16						
A2-SOOT-LK-4REPS						
L1609560-04	5237-160329-DC-EMB0	3	S0	29MAR16 12:00	1-Glass-A.120	
Package Due Date: 04/22/16						
A2-SOOT-LK-4REPS						
L1609560-05	5237-160329-DC-EMB0	3	S0	29MAR16 13:15	1-Glass-A.120	
Package Due Date: 04/22/16						
A2-SOOT-LK-4REPS						
L1609560-06	5237-160329-DC-EMB0	3	S0	29MAR16 13:40	1-Glass-A.120	
Package Due Date: 04/22/16						
A2-SOOT-LK-4REPS						
L1609560-07	5237-160329-DC-EMB0	3	S0	29MAR16 14:25	1-Glass-A.120	
Package Due Date: 04/22/16						

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Apr 21 2016, 04:51 pm

Login Number: L1609560

Account: APEX-LABS Apex labs

Sample #	Client ID	Received: 01APR16 Mat PR Collected	Due Date: 22APR16 Container
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A2-SOOT-LK-4REPS

L1609560-08 5237-160329-DC-EMB0 3 S0 29MAR16 15:10 1-Glass-A.120

| Package Due Date: 04/22/16

A2-SOOT-LK-4REPS

Container Tracking

ALPHA ANALYTICAL LABORATORIES
Container Tracking Report

Container ID	Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1609560-01A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-01A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-01A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-01A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-02A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-02A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-02A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-02A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-03A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-03A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-03A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-03A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-04A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-04A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-04A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-04A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-05A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-05A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-05A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-05A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-06A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-06A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-06A	Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-06A	Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-07A	Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel

Container ID Type	Status	Transaction Date	From Response	Location	To Operator	Response	Location	Operator
L1609560-07A Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-07A Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-07A Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey
L1609560-08A Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-WET CHEMISTRY	Sonal Patel	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Sonal Patel
L1609560-08A Glass-A.120	INTACT	14-APR-16	CUSTODY	A2-CUSTODY-REFRIG-D2	Ashley Roulx	A2-WET CHEMISTRY	A2-WET CHEMISTRY	Ashley Roulx
L1609560-08A Glass-A.120	INTACT	01-APR-16	CUSTODY	A2-CUSTODY-REFRIDGE	Kim L. Bailey	A2-CUSTODY-REFRIG-D2	A2-CUSTODY-REFRIG-D2	Kim L. Bailey
L1609560-08A Glass-A.120	INTACT	01-APR-16	A2-LOGIN	A2-LOGIN	Kim L. Bailey	A2-CUSTODY-REFRIDGE	A2-CUSTODY-REFRIDGE	Kim L. Bailey

Chain of Custody

SUBCONTRACT ORDER

L1609560

Apex Laboratories

A6C1124

SENDING LABORATORY:

Apex Laboratories
12232 S.W. Garden Place
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 718-0333
Project Manager: Philip Nerenberg

RECEIVING LABORATORY:

Alpha Analytical, INC
320 Forbes Boulevard
Mansfield, MA 02048
Phone : (508) 822-9300
Fax:

09560
09

Sample Name: 5237-160329-DC-EMB010 **Soil** **Sampled:** 03/29/16 10:15 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-02)

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 10:15	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

02

Sample Name: 5237-160329-DC-EMB005 **Soil** **Sampled:** 03/29/16 10:35 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-04)

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 10:35	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

03

Sample Name: 5237-160329-DC-EMB004 **Soil** **Sampled:** 03/29/16 11:15 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-06)

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 11:15	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

04

Sample Name: 5237-160329-DC-EMB001 **Soil** **Sampled:** 03/29/16 12:00 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-08)

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 12:00	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

Standard TAT

Amison Kya 3/31/16

UPS (Shipper)

Released By _____ Date _____ Received By _____ Date _____

UPS (Shipper)

Kim Olsen - AAAL

4/1/16 13:32

Released By _____ Date _____ Received By _____ Date _____

SUBCONTRACT ORDER

Apex Laboratories

A6C1124

L1609560

Sample Name: 5237-160329-DC-EMB013 **Soil** **Sampled:** 03/29/16 13:15 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-10)

05

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 13:15	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

Sample Name: 5237-160329-DC-EMB014 **Soil** **Sampled:** 03/29/16 13:40 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-12)

06

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 13:40	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

Sample Name: 5237-160329-DC-EMB017 **Soil** **Sampled:** 03/29/16 14:25 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-14)

07

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 14:25	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

Sample Name: 5237-160329-DC-EMB020 **Soil** **Sampled:** 03/29/16 15:10 **Soil Embankmebnt-010 (0-3.5)** (A6C1124-16)

08

Analysis	Due	Expires	Comments
Subcontract Outside	04/12/16 17:00	09/25/16 15:10	Carbon Black-Alpha Analytical Level IV DP needed
<i>Containers Supplied:</i> (D)4 oz Glass Jar			

Missu Kya 3/31/16

UPS (Shipper)

Released By Date Received By Date

UPS (Shipper)

Kim Baker DAL

4/1/16 13:32

Released By Date Received By Date

Wet Chemistry

Organic Carbon Analysis

Sequence Logs

Date of report: 4/20/2016 4:09 PM
 User ID: Alpha Analytical

Run	Run Details			Results				Signals			
	Run #	Weight	Created on	Carbon	Hydroge	Nitrogen	ZR	CR	HR	NR	
K1	1	10.270	4/19/2016 1:24:52 PM	18.218	-0.62	-1.445	16666	20942	20875	1894	
BLANK	2		4/19/2016 1:35:53 PM	58	-72	449	16550	17057	16985	1699	
K1	3	10.250	4/19/2016 1:51:42 PM	19.132	0.120	-3.102	16558	18910	18918	1685	
0	4	9.900	4/19/2016 1:59:52 PM	-0.058%	4.783%	-13.485%	16506	16580	16669	1659	
1000	5	10.210	4/19/2016 2:04:51 PM	0.152%	5.124%	-13.079%	16448	16920	17024	1653	
5000	6	10.210	4/19/2016 2:09:52 PM	0.418%	7.719%	-12.492%	16426	17583	17767	1669	
10000	7	10.300	4/19/2016 2:14:52 PM	0.938%	5.980%	-12.958%	16425	18420	18552	1651	
20000	8	9.940	4/19/2016 2:19:51 PM	1.933%	3.598%	-13.421%	16425	20214	20268	1651	
40000	9	10.570	4/19/2016 2:24:37 PM	-0.061%	0.063%	-12.701%	16439	16477	16425	1650	
40000	10	10.570	4/19/2016 2:39:41 PM	3.944%	0.376%	-12.692%	16549	24533	24491	1661	
ICV	11	10.410	4/19/2016 3:01:31 PM	1.002%	4.708%	-12.864%	16599	18726	18820	1667	
ICB	12	68.190	4/19/2016 3:06:27 PM	-0.002%	-0.29%	-1.968%	16523	16655	16595	1659	
HICV	13	51.600	4/19/2016 3:11:28 PM	3.641%	1.810%	-2.456%	16510	52144	52372	1679	
SRM1650	14	.220	4/19/2016 3:18:21 PM	144.837	-6533.3	-608.073%	16542	22694	29446	1662	
MB	15	80.480	4/19/2016 3:23:17 PM	-0.01%	0.016%	-1.669%	16500	16645	16595	1656	
SRM1650	16	.570	4/19/2016 3:28:14 PM	75.989%	20.332	-234.456%	16524	24828	24809	1660	
MB	17	60.270	4/19/2016 3:33:11 PM	-0.04%	0.011%	-2.227%	16554	16672	16620	1662	
SRM1650	18	.480	4/19/2016 3:38:08 PM	95.817%	25.524	-278.274%	16573	25382	25365	1666	
MB	19	48.050	4/19/2016 3:43:05 PM	-0.03%	0.028%	-2.794%	16597	16732	16682	1666	
SRM1650	20	.430	4/19/2016 3:48:02 PM	-1.450%	6.931%	-312.057%	16602	16646	16601	1667	
MB	21	78.680	4/19/2016 3:54:11 PM	0.517%	0.084%	-1.698%	16634	24445	24411	1672	
SRM1650	22	.610	4/19/2016 3:59:09 PM	85.942%	22.256	-218.803%	16626	26645	26632	1671	
MB	23	54.880	4/19/2016 4:06:19 PM	-0.04%	-1.45%	-2.439%	16723	16848	16770	1680	
CCV	24	10.170	4/19/2016 4:41:17 PM	1.019%	1.172%	-13.181%	16674	18784	18766	1674	
CCB	25	66.850	4/19/2016 4:46:16 PM	-0.002%	0.0%	-2.008%	16633	16764	16710	1670	
SRM1650	26	.590	4/20/2016 8:16:20 A	71.748%	0.561%	-157.892%	16713	26022	25969	1798	

Run Details			Results				Signals			
Run	Run #	Weight	Created on	Carbon	Hydroge	Nitrogen	ZR	CR	HR	NR
160956001	27	13.720	4/20/2016 8:30:12 A	0.041%	0.338%	-9.145%	16617	17139	17099	1694
160956001	28	9.940	4/20/2016 8:35:06 A	0.024%	0.799%	-13.195%	16570	16865	16835	1672
160956001	29	12.750	4/20/2016 8:39:51 A	0.040%	0.727%	-10.396%	16550	16854	16828	1666
160956001	30	13.730	4/20/2016 8:44:45 A	0.040%	0.820%	-9.684%	16544	16843	16823	1664
160956001D	31	10.450	4/20/2016 8:49:43 A	0.041%	1.204%	-12.749%	16546	16815	16799	1664
160956001D	32	13.240	4/20/2016 8:54:44 A	0.042%	0.775%	-10.070%	16556	16846	16823	1665
160956001D	33	10.700	4/20/2016 8:59:44 A	0.032%	1.207%	-12.464%	16564	16813	16798	1665
160956001D	34	10.980	4/20/2016 9:04:45 A	0.033%	1.146%	-12.153%	16576	16827	16811	1666
CCV	35	10.350	4/20/2016 9:11:15 A	0.821%	1.792%	-12.073%	16606	18633	18635	1694
CCB	36	59.400	4/20/2016 9:26:21 A	-0.02%	0.078%	-2.250%	16630	16789	16749	1671
160956001MS	37	10.980	4/20/2016 9:35:02 A	1.021%	1.900%	-11.920%	16626	18988	18997	1679
160956001MS	38	11.610	4/20/2016 9:40:03 A	0.993%	2.709%	-11.437%	16570	18935	18976	1668
160956001MS	39	10.050	4/20/2016 9:45:05 A	1.129%	2.405%	-13.074%	16556	18928	18947	1670
160956001MS	40	10.810	4/20/2016 9:50:08 A	1.009%	2.941%	-11.730%	16555	18979	19021	1684
160956002	41	11.440	4/20/2016 9:55:10 A	-0.11%	0.695%	-11.587%	16545	16730	16700	1666
160956002	42	8.590	4/20/2016 10:00:13 A	0.015%	1.580%	-15.569%	16551	16749	16736	1663
160956002	43	7.990	4/20/2016 10:05:15 A	-0.24%	1.160%	-16.692%	16562	16711	16685	1665
160956002	44	11.820	4/20/2016 10:10:18 A	-0.07%	0.868%	-11.300%	16572	16736	16713	1665
160956003	45	10.570	4/20/2016 10:15:21 A	0.002%	0.908%	-12.634%	16578	16762	16737	1666
160956003	46	10.210	4/20/2016 10:29:47 A	-0.07%	0.551%	-13.082%	16630	16796	16759	1671
CCV	47	10.130	4/20/2016 10:34:54 A	0.826%	1.144%	-12.554%	16596	18534	18515	1687
CCB	48	66.960	4/20/2016 10:40:01 A	-0.01%	0.148%	-1.998%	16583	16737	16713	1666
160956003	49	9.160	4/20/2016 10:47:04 A	-0.09%	0.904%	-14.586%	16599	16761	16732	1668
160956003	50	9.540	4/20/2016 10:52:12 A	0.003%	1.076%	-13.991%	16583	16771	16748	1667
160956004	51	11.070	4/20/2016 10:57:20 A	0.025%	0.897%	-12.008%	16585	16834	16810	1669
160956004	52	11.950	4/20/2016 11:02:25 A	0.029%	0.859%	-11.155%	16582	16834	16811	1667
160956004	53	9.190	4/20/2016 11:07:30 A	0.019%	1.441%	-14.509%	16583	16802	16788	1667

Run Details			Results					Signals				
Run	Run #	Weight	Created on	Carbon	Hydroge	Nitrogen	ZR	CR	HR	NR		
160956004	53	9.190	4/20/2016 11:07:30 A	0.019%	1.441%	-14.509%	16583	16802	16788	1667		
160956004	54	11.200	4/20/2016 11:12:33 A	0.046%	1.064%	-11.899%	16604	16889	16871	1670		
160956005	55	10.050	4/20/2016 11:17:39 A	0.024%	0.857%	-13.230%	16599	16841	16813	1670		
160956005	56	10.310	4/20/2016 11:22:45 A	0.001%	1.060%	-12.939%	16602	16787	16766	1669		
160956005	57	8.440	4/20/2016 11:27:50 A	-0.006%	1.412%	-15.826%	16609	16779	16761	1669		
160956005	58	8.220	4/20/2016 11:32:58 A	-0.019%	0.846%	-16.192%	16615	16779	16746	1671		
CCV	59	10.230	4/20/2016 11:38:05 A	1.009%	0.906%	-12.261%	16624	18978	18952	1695		
CCB	60	59.790	4/20/2016 11:42:48 A	-0.002%	0.127%	-2.229%	16639	16799	16768	1673		
160956006	61	9.880	4/20/2016 12:04:59 P	-0.005%	0.469%	-13.471%	16681	16864	16824	1678		
160956006	62	11.080	4/20/2016 12:10:52 P	0.004%	0.837%	-12.037%	16639	16832	16806	1673		
160956006	63	10.110	4/20/2016 12:15:52 P	0.003%	1.179%	-13.151%	16627	16830	16812	1673		
160956006	64	9.040	4/20/2016 12:20:53 P	-0.001%	1.099%	-14.772%	16610	16788	16764	1669		
160956007	65	10.250	4/20/2016 12:26:03 P	0.002%	0.743%	-12.955%	16617	16823	16792	1672		
160956007	66	11.300	4/20/2016 12:31:09 P	0.016%	1.084%	-11.808%	16610	16826	16809	1670		
160956007	67	12.510	4/20/2016 12:36:17 P	0.010%	0.397%	-10.604%	16607	16837	16798	1672		
160956007	68	11.440	4/20/2016 12:41:23 P	0.005%	0.897%	-11.658%	16613	16809	16786	1670		
160956008	69	11.640	4/20/2016 12:46:29 P	-0.005%	0.740%	-11.469%	16622	16793	16765	1671		
160956008	70	10.710	4/20/2016 12:51:29 P	-0.003%	1.144%	-12.453%	16623	16801	16784	1671		
CCV	71	10.070	4/20/2016 12:56:32 P	0.875%	1.250%	-12.527%	16623	18673	18657	1692		
CCB	72	68.320	4/20/2016 1:23:00 PM	-0.001%	0.102%	-1.955%	16692	16853	16820	1677		
160956008	73	17.500	4/20/2016 1:59:58 PM	0.007%	0.492%	-7.609%	16688	16902	16874	1678		
160956008	74	10.110	4/20/2016 2:18:00 PM	0.016%	1.867%	-13.212%	16617	16826	16829	1670		
160956301	75	10.340	4/20/2016 2:18:03 PM	-0.030%	0.544%	-12.908%	16646	16770	16733	1673		
160956301	76	14.670	4/20/2016 2:23:07 PM	-0.019%	0.135%	-9.089%	16634	16769	16721	1672		
160956301	77	10.230	4/20/2016 2:28:11 PM	-0.035%	1.036%	-13.064%	16613	16723	16701	1669		
160956301	78	8.380	4/20/2016 2:33:14 PM	-0.027%	1.225%	-15.952%	16601	16734	16711	1668		
160956302	79	13.640	4/20/2016 2:38:18 PM	-0.022%	0.607%	-9.785%	16605	16731	16702	1669		

Reported on 4/20/2016 4:09 PM by Alpha Analytical

Run Details			Results				Signals			
Run	Run #	Weight	Created on	Carbon	Hydroge	Nitrogen	ZR	CR	HR	NR
160956302	79	13.640	4/20/2016 2:38:18 PM	-0.22%	0.607%	-9.785%	16605	16731	16702	1669
160956302	80	15.470	4/20/2016 2:43:22 PM	-0.06%	0.835%	-8.647%	16597	16753	16738	1667
160956302	81	12.700	4/20/2016 2:48:26 PM	-0.02%	1.095%	-10.531%	16596	16765	16753	1667
160956302	82	10.520	4/20/2016 2:53:32 PM	-0.19%	1.196%	-12.703%	16604	16744	16728	1668
CCV	83	10.260	4/20/2016 2:58:37 PM	1.035%	1.904%	-12.863%	16612	18831	18836	1674
CCB	84	60.170	4/20/2016 3:03:41 PM	-0.002%	0.187%	-2.211%	16609	16781	16761	1671

Sample Raw Data

DATE & TIME 4/19/2016 1:24:52 PM P_ID 041906CM
RUN TYPE K1 USER ID alpha
WEIGHT (mg) 10.270 MODE CHN

SIGNALS

ZR 16666 AVERAGE RESULTS
NR 18944 KC 18.397
CR 20942 KH 0.302
HR 20875 KN 2.937
BLANKS 127 -35 4010
K FACTORS 1.0% 5.03% 11.67%
FILL TIME 37 Seconds
NUMBER MESSAGE
8 CHECK FOR SAMPLE DROP

DATE & TIME 4/19/2016 1:35:53 PM P_ID 041906CM
RUN TYPE BLANK USER ID alpha
MODE CHN

SIGNALS

ZR 16550 AVERAGE RESULTS
NR 16999 CARBON 92
CR 17057 HYDROGEN -54
HR 16985 NITROGEN 4010
FILL TIME 34 Seconds
NUMBER MESSAGE
17 NITROGEN BLANK OUT OF TOLERANCE

DATE & TIME 4/19/2016 1:51:42 PM P_ID 041906CM
RUN TYPE K1 USER ID alpha
WEIGHT (mg) 10.250 MODE CHN

SIGNALS

ZR 16558 AVERAGE RESULTS
NR 16857 KC 18.764
CR 18910 KH 0.302
HR 18918 KN 2.937
BLANKS 92 -54 4010
K FACTORS 1.0% 5.03% 11.67%
FILL TIME 33 Seconds
NUMBER MESSAGE
8 CHECK FOR SAMPLE DROP

DATE & TIME 4/19/2016 1:59:52 PM P_ID 041906CM
SAMPLE ID 0 USER ID alpha
WEIGHT (mg) 9.900 MODE CHN

SIGNALS

ZR 16506
NR 16595
CR 16580
HR 16669
CARBON .058%
HYDROGEN 4.783%
NITROGEN -13.485%
BLANKS 92 -54 4010

K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 2:04:51 PM P_ID 041906CM
 SAMPLE ID 1000 USER ID alpha
 WEIGHT (mg) 10.210 MODE CHN

SIGNALS

ZR 16448
 NR 16536
 CR 16920
 HR 17024
 CARBON 0.152%
 HYDROGEN 5.124%
 NITROGEN 13.079%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 33 Seconds

DATE & TIME 4/19/2016 2:09:52 PM P_ID 041906CM
 SAMPLE ID 5000 USER ID alpha
 WEIGHT (mg) 10.210 MODE CHN

SIGNALS

ZR 16426
 NR 16690
 CR 17583
 HR 17767
 CARBON 0.418%
 HYDROGEN 7.719%
 NITROGEN 12.492%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 2:14:52 PM P_ID 041906CM
 SAMPLE ID 10000 USER ID alpha
 WEIGHT (mg) 10.300 MODE CHN

SIGNALS

ZR 16425
 NR 16515
 CR 18420
 HR 18552
 CARBON 0.938%
 HYDROGEN 5.980%
 NITROGEN 12.958%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 2:19:51 PM P_ID 041906CM
 SAMPLE ID 20000 USER ID alpha
 WEIGHT (mg) 9.940 MODE CHN

				SIGNALS
				ZR 16425
CARBON	1.933%			NR 16517
HYDROGEN	3.598%			CR 20214
NITROGEN	-13.421%			HR 20268
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	33 Seconds			

DATE & TIME	4/19/2016 2:24:37 PM	P_ID	041906CM
SAMPLE ID	40000	USER ID	alpha
WEIGHT (mg)	10.570	MODE	CHN

				SIGNALS
				ZR 16439
CARBON	-.061%			NR 16506
HYDROGEN	0.063%			CR 16477
NITROGEN	-12.701%			HR 16425
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

DATE & TIME	4/19/2016 2:39:41 PM	P_ID	041906CM
SAMPLE ID	40000	USER ID	alpha
WEIGHT (mg)	10.570	MODE	CHN

				SIGNALS
				ZR 16549
CARBON	3.944%			NR 16619
HYDROGEN	0.376%			CR 24533
NITROGEN	-12.692%			HR 24491
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

DATE & TIME	4/19/2016 3:01:31 PM	P_ID	041906CM
SAMPLE ID	ICV	USER ID	alpha
WEIGHT (mg)	10.410	MODE	CHN

				SIGNALS
				ZR 16599
CARBON	1.002%			NR 16676
HYDROGEN	4.708%			CR 18726
NITROGEN	-12.864%			HR 18820
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

DATE & TIME	4/19/2016 3:06:27 PM	P_ID	041906CM
SAMPLE ID	ICB	USER ID	alpha
WEIGHT (mg)	68.190	MODE	CHN

SIGNALS

	ZR	16523
CARBON	NR	16591
HYDROGEN	CR	16655
NITROGEN	HR	16595
BLANKS	92	54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	1	2 1 1
FILL TIME	34 Seconds	

DATE & TIME	4/19/2016 3:11:28 PM	P_ID	041906CM
SAMPLE ID	HICV	USER ID	alpha
WEIGHT (mg)	51.600	MODE	CHN

SIGNALS

	ZR	16510
CARBON	NR	16798
HYDROGEN	CR	52144
NITROGEN	HR	52372
BLANKS	92	54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	1	2 1 1
FILL TIME	38 Seconds	

DATE & TIME	4/19/2016 3:18:21 PM	P_ID	041906CM
SAMPLE ID	SRM1650	USER ID	alpha
WEIGHT (mg)	.220	MODE	CHN

SIGNALS

	ZR	16542
CARBON	NR	16623
HYDROGEN	CR	22694
NITROGEN	HR	29446
BLANKS	92	54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	1	2 1 1
FILL TIME	33 Seconds	

DATE & TIME	4/19/2016 3:23:17 PM	P_ID	041906CM
SAMPLE ID	MB	USER ID	alpha
WEIGHT (mg)	80.480	MODE	CHN

SIGNALS

	ZR	16500
CARBON	NR	16564
HYDROGEN	CR	16645
NITROGEN	HR	16595

BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 3:28:14 PM P_ID 041906CM
 SAMPLE ID SRM1650 USER ID alpha
 WEIGHT (mg) .570 MODE CHN

SIGNALS
 ZR 16524
 NR 16609
 CR 24828
 HR 24809

CARBON 75.985%
 HYDROGEN 20.332%
 NITROGEN -234.456%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 3:33:11 PM P_ID 041906CM
 SAMPLE ID MB USER ID alpha
 WEIGHT (mg) 60.270 MODE CHN

SIGNALS
 ZR 16554
 NR 16622
 CR 16672
 HR 16620

CARBON -0.04%
 HYDROGEN 0.011%
 NITROGEN -2.227%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 3:38:08 PM P_ID 041906CM
 SAMPLE ID SRM1650 USER ID alpha
 WEIGHT (mg) .480 MODE CHN

SIGNALS
 ZR 16573
 NR 16660
 CR 25382
 HR 25365

CARBON 95.817%
 HYDROGEN 25.524%
 NITROGEN -278.274%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 3:43:05 PM P_ID 041906CM
 SAMPLE ID MB USER ID alpha
 WEIGHT (mg) 48.050 MODE CHN

				SIGNALS
				ZR 16597
CARBON	-0.03%			NR 16664
HYDROGEN	0.028%			CR 16732
NITROGEN	-2.794%			HR 16682
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

DATE & TIME	4/19/2016 3:48:02 PM	P_ID	041906CM
SAMPLE ID	SRM1650	USER ID	alpha
WEIGHT (mg)	430	MODE	CHN

				SIGNALS
				ZR 16602
CARBON	-1.450%			NR 16671
HYDROGEN	6.931%			CR 16646
NITROGEN	-312.057%			HR 16601
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

NUMBER	MESSAGE
8	CHECK FOR SAMPLE DROP

DATE & TIME	4/19/2016 3:54:11 PM	P_ID	041906CM
SAMPLE ID	MB	USER ID	alpha
WEIGHT (mg)	78.680	MODE	CHN

				SIGNALS
				ZR 16634
CARBON	0.517%			NR 16721
HYDROGEN	0.084%			CR 24445
NITROGEN	-1.698%			HR 24411
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	34 Seconds			

DATE & TIME	4/19/2016 3:59:09 PM	P_ID	041906CM
SAMPLE ID	SRM1650	USER ID	alpha
WEIGHT (mg)	610	MODE	CHN

				SIGNALS
				ZR 16626
CARBON	85.942%			NR 16716
HYDROGEN	22.256%			CR 26645
NITROGEN	-218.803%			HR 26632
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	

FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 4:36:19 PM P_ID 041906CM
 SAMPLE ID MB USER ID alpha
 WEIGHT (mg) 54.880 MODE CHN

SIGNALS
 ZR 16723
 NR 16801
 CR 16848
 HR 16770

CARBON -0.004%
 HYDROGEN -0.145%
 NITROGEN -2.439%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 4:41:17 PM P_ID 041906CM
 SAMPLE ID CCV USER ID alpha
 WEIGHT (mg) 10.170 MODE CHN

SIGNALS
 ZR 16674
 NR 16747
 CR 18784
 HR 18766

CARBON 1.019%
 HYDROGEN 1.172%
 NITROGEN -13.181%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/19/2016 4:46:16 PM P_ID 041906CM
 SAMPLE ID CCB USER ID alpha
 WEIGHT (mg) 66.850 MODE CHN

SIGNALS
 ZR 16633
 NR 16700
 CR 16764
 HR 16710

CARBON -0.002%
 HYDROGEN 0.0%
 NITROGEN -2.008%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 34 Seconds

DATE & TIME 4/20/2016 8:16:20 AM P_ID 041906CM
 SAMPLE ID SRM1650 USER ID alpha
 WEIGHT (mg) .590 MODE CHN

SIGNALS
 ZR 16713

CARBON	71.748%	NR	17987
HYDROGEN	0.561%	CR	26022
NITROGEN	-157.892%	HR	25969
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
1	2	1	1
FILL TIME	36 Seconds		

DATE & TIME	4/20/2016 8:30:12 AM	P_ID	041906CM
SAMPLE ID	160956001	USER ID	alpha
WEIGHT (mg)	13.720	MODE	CHN

SIGNALS

		ZR	16617
CARBON	0.041%	NR	16942
HYDROGEN	0.338%	CR	17139
NITROGEN	-9.145%	HR	17099
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
1	2	1	1
FILL TIME	36 Seconds		

DATE & TIME	4/20/2016 8:35:06 AM	P_ID	041906CM
SAMPLE ID	160956001	USER ID	alpha
WEIGHT (mg)	9.940	MODE	CHN

SIGNALS

		ZR	16570
CARBON	0.024%	NR	16728
HYDROGEN	0.799%	CR	16865
NITROGEN	-13.195%	HR	16835
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
1	2	1	1
FILL TIME	36 Seconds		

DATE & TIME	4/20/2016 8:39:51 AM	P_ID	041906CM
SAMPLE ID	160956001	USER ID	alpha
WEIGHT (mg)	12.750	MODE	CHN

SIGNALS

		ZR	16550
CARBON	0.040%	NR	16667
HYDROGEN	0.727%	CR	16854
NITROGEN	10.396%	HR	16828
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
1	2	1	1
FILL TIME	37 Seconds		

DATE & TIME	4/20/2016 8:44:45 AM	P_ID	041906CM
SAMPLE ID	160956001	USER ID	alpha
WEIGHT (mg)	13.730	MODE	CHN

SIGNALS

	ZR	16544
CARBON	NR	16649
HYDROGEN	CR	16843
NITROGEN	HR	16823
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1
FILL TIME	37 Seconds	

DATE & TIME	4/20/2016 8:49:43 AM	P_ID	041906CM
SAMPLE ID	160956001D	USER ID	alpha
WEIGHT (mg)	10.450	MODE	CHN

SIGNALS

	ZR	16546
CARBON	NR	16643
HYDROGEN	CR	16815
NITROGEN	HR	16799
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	1	2 1 1
FILL TIME	37 Seconds	

DATE & TIME	4/20/2016 8:54:44 AM	P_ID	041906CM
SAMPLE ID	160956001D	USER ID	alpha
WEIGHT (mg)	13.240	MODE	CHN

SIGNALS

	ZR	16556
CARBON	NR	16650
HYDROGEN	CR	16846
NITROGEN	HR	16823
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1
FILL TIME	37 Seconds	

DATE & TIME	4/20/2016 8:59:44 AM	P_ID	041906CM
SAMPLE ID	160956001D	USER ID	alpha
WEIGHT (mg)	10.700	MODE	CHN

SIGNALS

	ZR	16564
CARBON	NR	16657
HYDROGEN	CR	16813
NITROGEN	HR	16798
BLANKS	92	-54 4010

K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 2 1 1
 FILL TIME 37 Seconds

DATE & TIME 4/20/2016 9:04:45 AM P_ID 041906CM
 SAMPLE ID 160956001D USER ID alpha
 WEIGHT (mg) 10.980 MODE CHN

SIGNALS
 ZR 16576
 NR 16667
 CR 16827
 HR 16811

CARBON 0.033%
 HYDROGEN 1.146%
 NITROGEN -12.153%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 2 1 1
 FILL TIME 37 Seconds

DATE & TIME 4/20/2016 9:11:15 AM P_ID 041906CM
 SAMPLE ID CCV USER ID alpha
 WEIGHT (mg) 10.350 MODE CHN

SIGNALS
 ZR 16606
 NR 16946
 CR 18633
 HR 18635

CARBON 0.821%
 HYDROGEN 1.792%
 NITROGEN -12.073%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 2 1 1
 FILL TIME 37 Seconds

DATE & TIME 4/20/2016 9:26:21 AM P_ID 041906CM
 SAMPLE ID CCB USER ID alpha
 WEIGHT (mg) 59.400 MODE CHN

SIGNALS
 ZR 16630
 NR 16714
 CR 16789
 HR 16749

CARBON .002%
 HYDROGEN 0.078%
 NITROGEN -2.250%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 2 1 1
 FILL TIME 38 Seconds

DATE & TIME 4/20/2016 9:35:02 AM P_ID 041906CM
 SAMPLE ID 160956001MS USER ID alpha
 WEIGHT (mg) 10.980 MODE CHN

				SIGNALS
				ZR 16626
CARBON	1.021%			NR 16792
HYDROGEN	1.900%			CR 18988
NITROGEN	-11.920%			HR 18997
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	38 Seconds			

DATE & TIME	4/20/2016 9:40:03 AM	P_ID	041906CM
SAMPLE ID	160956001MS	USER ID	alpha
WEIGHT (mg)	11.610	MODE	CHN

				SIGNALS
				ZR 16570
CARBON	0.993%			NR 16680
HYDROGEN	2.709%			CR 18935
NITROGEN	-11.437%			HR 18976
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	38 Seconds			

DATE & TIME	4/20/2016 9:45:05 AM	P_ID	041906CM
SAMPLE ID	160956001MS	USER ID	alpha
WEIGHT (mg)	10.050	MODE	CHN

				SIGNALS
				ZR 16556
CARBON	1.129%			NR 16707
HYDROGEN	2.405%			CR 18928
NITROGEN	-13.074%			HR 18947
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	38 Seconds			

DATE & TIME	4/20/2016 9:50:08 AM	P_ID	041906CM
SAMPLE ID	160956001MS	USER ID	alpha
WEIGHT (mg)	10.810	MODE	CHN

				SIGNALS
				ZR 16555
CARBON	1.009%			NR 16841
HYDROGEN	2.941%			CR 18979
NITROGEN	-11.730%			HR 19021
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	39 Seconds			

DATE & TIME	4/20/2016 9:55:10 AM	P_ID	041906CM
SAMPLE ID	160956002	USER ID	alpha
WEIGHT (mg)	11.440	MODE	CHN

SIGNALS

	ZR	16545
CARBON	NR	16662
HYDROGEN	CR	16730
NITROGEN	HR	16700
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	39 Seconds	

DATE & TIME	4/20/2016 10:00:13 AM	P_ID	041906CM
SAMPLE ID	160956002	USER ID	alpha
WEIGHT (mg)	8.590	MODE	CHN

SIGNALS

	ZR	16551
CARBON	NR	16633
HYDROGEN	CR	16749
NITROGEN	HR	16736
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	39 Seconds	

DATE & TIME	4/20/2016 10:05:15 AM	P_ID	041906CM
SAMPLE ID	160956002	USER ID	alpha
WEIGHT (mg)	7.990	MODE	CHN

SIGNALS

	ZR	16562
CARBON	NR	16655
HYDROGEN	CR	16711
NITROGEN	HR	16685
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	39 Seconds	

DATE & TIME	4/20/2016 10:10:18 AM	P_ID	041906CM
SAMPLE ID	160956002	USER ID	alpha
WEIGHT (mg)	11.820	MODE	CHN

SIGNALS

	ZR	16572
CARBON	NR	16659
HYDROGEN	CR	16736
NITROGEN	HR	16713

BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 40 Seconds

DATE & TIME 4/20/2016 10:15:21 AM P_ID 041906CM
 SAMPLE ID 160956003 USER ID alpha
 WEIGHT (mg) 10.570 MODE CHN

SIGNALS

ZR 16578
 NR 16666
 CR 16762
 HR 16737
 CARBON 0.002%
 HYDROGEN 0.908%
 NITROGEN -12.634%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 40 Seconds

DATE & TIME 4/20/2016 10:29:47 AM P_ID 041906CM
 SAMPLE ID 160956003 USER ID alpha
 WEIGHT (mg) 10.210 MODE CHN

SIGNALS

ZR 16630
 NR 16717
 CR 16796
 HR 16759
 CARBON -0.007%
 HYDROGEN 0.551%
 NITROGEN -13.082%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 40 Seconds

DATE & TIME 4/20/2016 10:34:54 AM P_ID 041906CM
 SAMPLE ID CCV USER ID alpha
 WEIGHT (mg) 10.130 MODE CHN

SIGNALS

ZR 16596
 NR 16871
 CR 18534
 HR 18515
 CARBON 0.826%
 HYDROGEN 1.144%
 NITROGEN -12.554%
 BLANKS 92 -54 4010
 K FACTORS 18.764 0.302 2.937
 FILL COMB BOOST1 BOOST2
 1 2 1 1
 FILL TIME 40 Seconds

DATE & TIME 4/20/2016 10:40:01 AM P_ID 041906CM
 SAMPLE ID CCB USER ID alpha
 WEIGHT (mg) 66.960 MODE CHN

				SIGNALS
				ZR 16583
CARBON	-0.001%			NR 16663
HYDROGEN	0.148%			CR 16737
NITROGEN	-1.998%			HR 16713
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	40 Seconds			

DATE & TIME	4/20/2016 10:47:04 AM	P_ID	041906CM
SAMPLE ID	160956003	USER ID	alpha
WEIGHT (mg)	9.160	MODE	CHN

				SIGNALS
				ZR 16599
CARBON	-0.009%			NR 16685
HYDROGEN	0.904%			CR 16761
NITROGEN	-14.586%			HR 16732
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	40 Seconds			

DATE & TIME	4/20/2016 10:52:12 AM	P_ID	041906CM
SAMPLE ID	160956003	USER ID	alpha
WEIGHT (mg)	9.540	MODE	CHN

				SIGNALS
				ZR 16583
CARBON	0.003%			NR 16673
HYDROGEN	1.076%			CR 16771
NITROGEN	-13.991%			HR 16748
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	41 Seconds			

DATE & TIME	4/20/2016 10:57:20 AM	P_ID	041906CM
SAMPLE ID	160956004	USER ID	alpha
WEIGHT (mg)	11.070	MODE	CHN

				SIGNALS
				ZR 16585
CARBON	0.025%			NR 16691
HYDROGEN	0.897%			CR 16834
NITROGEN	-12.008%			HR 16810
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
	2	1	1	
FILL TIME	41 Seconds			

DATE & TIME	4/20/2016 11:02:25 AM	P_ID	041906CM
SAMPLE ID	160956004	USER ID	alpha
WEIGHT (mg)	11.950	MODE	CHN

SIGNALS			
		ZR	16582
CARBON	0.029%	NR	16677
HYDROGEN	0.859%	CR	16834
NITROGEN	-11.155%	HR	16811
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	1	1	1
FILL TIME	38 Seconds		

DATE & TIME	4/20/2016 11:07:30 AM	P_ID	041906CM
SAMPLE ID	1609556004	USER ID	alpha
WEIGHT (mg)	9.190	MODE	CHN

SIGNALS			
		ZR	16583
CARBON	0.019%	NR	16677
HYDROGEN	1.441%	CR	16802
NITROGEN	-14.509%	HR	16788
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	39 Seconds		

DATE & TIME	4/20/2016 11:12:33 AM	P_ID	041906CM
SAMPLE ID	160956004	USER ID	alpha
WEIGHT (mg)	11.200	MODE	CHN

SIGNALS			
		ZR	16604
CARBON	0.046%	NR	16700
HYDROGEN	1.064%	CR	16889
NITROGEN	-11.899%	HR	16871
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	39 Seconds		

DATE & TIME	4/20/2016 11:17:39 AM	P_ID	041906CM
SAMPLE ID	160956005	USER ID	alpha
WEIGHT (mg)	10.050	MODE	CHN

SIGNALS			
		ZR	16599
CARBON	0.024%	NR	16704
HYDROGEN	0.857%	CR	16841
NITROGEN	-13.230%	HR	16813

BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	39 Seconds		

DATE & TIME	4/20/2016 11:22:45 AM	P_ID	041906CM
SAMPLE ID	160956005	USER ID	alpha
WEIGHT (mg)	10.310	MODE	CHN

SIGNALS

ZR	16602
NR	16694
CR	16787
HR	16766

CARBON	0.001%
HYDROGEN	1.060%
NITROGEN	-12.939%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	39 Seconds

DATE & TIME	4/20/2016 11:27:50 AM	P_ID	041906CM
SAMPLE ID	160956005	USER ID	alpha
WEIGHT (mg)	8.440	MODE	CHN

SIGNALS

ZR	16609
NR	16696
CR	16779
HR	16761

CARBON	0.006%
HYDROGEN	1.412%
NITROGEN	-15.826%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	39 Seconds

DATE & TIME	4/20/2016 11:32:58 AM	P_ID	041906CM
SAMPLE ID	160956005	USER ID	alpha
WEIGHT (mg)	8.220	MODE	CHN

SIGNALS

ZR	16615
NR	16716
CR	16779
HR	16746

CARBON	0.019%
HYDROGEN	0.846%
NITROGEN	-16.192%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	41 Seconds

DATE & TIME	4/20/2016 11:38:05 AM	P_ID	041906CM
SAMPLE ID	CCV	USER ID	alpha
WEIGHT (mg)	10.230	MODE	CHN

				SIGNALS
				ZR 16624
CARBON	1.009%			NR 16950
HYDROGEN	0.906%			CR 18978
NITROGEN	-12.261%			HR 18952
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	40 Seconds			

DATE & TIME	4/20/2016 11:42:48 AM	P_ID	041906CM
SAMPLE ID	CCB	USER ID	alpha
WEIGHT (mg)	59.790	MODE	CHN

				SIGNALS
				ZR 16639
CARBON	-0.02%			NR 16735
HYDROGEN	0.127%			CR 16799
NITROGEN	-2.229%			HR 16768
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	40 Seconds			

DATE & TIME	4/20/2016 12:04:59 PM	P_ID	041906CM
SAMPLE ID	160956006	USER ID	alpha
WEIGHT (mg)	9.880	MODE	CHN

				SIGNALS
				ZR 16681
CARBON	-0.005%			NR 16782
HYDROGEN	0.469%			CR 16864
NITROGEN	-13.471%			HR 16824
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	39 Seconds			

DATE & TIME	4/20/2016 12:10:52 PM	P_ID	041906CM
SAMPLE ID	160956006	USER ID	alpha
WEIGHT (mg)	11.080	MODE	CHN

				SIGNALS
				ZR 16639
CARBON	0.004%			NR 16732
HYDROGEN	0.837%			CR 16832
NITROGEN	-12.037%			HR 16806
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	40 Seconds			

DATE & TIME	4/20/2016 12:15:52 PM	P_ID	041906CM
SAMPLE ID	160956006	USER ID	alpha
WEIGHT (mg)	10.110	MODE	CHN

SIGNALS

		ZR	16627
CARBON	0.003%	NR	16732
HYDROGEN	1.179%	CR	16830
NITROGEN	-13.151%	HR	16812
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 12:20:53 PM	P_ID	041906CM
SAMPLE ID	160956006	USER ID	alpha
WEIGHT (mg)	9.040	MODE	CHN

SIGNALS

		ZR	16610
CARBON	-0.01%	NR	16698
HYDROGEN	1.099%	CR	16788
NITROGEN	-14.772%	HR	16764
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 12:26:03 PM	P_ID	041906CM
SAMPLE ID	160956007	USER ID	alpha
WEIGHT (mg)	10.250	MODE	CHN

SIGNALS

		ZR	16617
CARBON	0.002%	NR	16727
HYDROGEN	0.743%	CR	16823
NITROGEN	-12.955%	HR	16792
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	46 Seconds		

DATE & TIME	4/20/2016 12:31:09 PM	P_ID	041906CM
SAMPLE ID	160956007	USER ID	alpha
WEIGHT (mg)	11.300	MODE	CHN

SIGNALS

		ZR	16610
CARBON	0.016%	NR	16701
HYDROGEN	1.084%	CR	16826
NITROGEN	-11.808%	HR	16809

BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	1	2	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 12:36:17 PM	P_ID	041906CM
SAMPLE ID	160956007	USER ID	alpha
WEIGHT (mg)	12.510	MODE	CHN

SIGNALS

		ZR	16607
CARBON	0.010%	NR	16721
HYDROGEN	0.397%	CR	16837
NITROGEN	-10.604%	HR	16798
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	1	2	1
FILL TIME	44 Seconds		

DATE & TIME	4/20/2016 12:41:23 PM	P_ID	041906CM
SAMPLE ID	160956007	USER ID	alpha
WEIGHT (mg)	11.440	MODE	CHN

SIGNALS

		ZR	16613
CARBON	0.005%	NR	16706
HYDROGEN	0.897%	CR	16809
NITROGEN	-11.658%	HR	16786
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	1	2	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 12:46:29 PM	P_ID	041906CM
SAMPLE ID	160956008	USER ID	alpha
WEIGHT (mg)	11.640	MODE	CHN

SIGNALS

		ZR	16622
CARBON	-0.005%	NR	16711
HYDROGEN	0.740%	CR	16793
NITROGEN	-11.469%	HR	16765
BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	1	2	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 12:51:29 PM	P_ID	041906CM
SAMPLE ID	160956008	USER ID	alpha
WEIGHT (mg)	10.710	MODE	CHN

				SIGNALS	
				ZR	16623
CARBON	.003%			NR	16716
HYDROGEN	1.144%			CR	16801
NITROGEN	-12.453%			HR	16784
BLANKS	92	-54	4010		
K FACTORS	18.764	0.302	2.937		
FILL	COMB	BOOST1	BOOST2		
	2	1	1		
FILL TIME	40 Seconds				

DATE & TIME	4/20/2016 12:56:32 PM	P_ID	041906CM
SAMPLE ID	CCV	USER ID	alpha
WEIGHT (mg)	10.070	MODE	CHN

				SIGNALS	
				ZR	16623
CARBON	0.875%			NR	16928
HYDROGEN	1.250%			CR	18673
NITROGEN	-12.527%			HR	18657
BLANKS	92	-54	4010		
K FACTORS	18.764	0.302	2.937		
FILL	COMB	BOOST1	BOOST2		
	2	1	1		
FILL TIME	40 Seconds				

DATE & TIME	4/20/2016 1:23:00 PM	P_ID	041906CM
SAMPLE ID	CCB	USER ID	alpha
WEIGHT (mg)	68.320	MODE	CHN

				SIGNALS	
				ZR	16692
CARBON	.001%			NR	16779
HYDROGEN	0.102%			CR	16853
NITROGEN	-1.955%			HR	16820
BLANKS	92	-54	4010		
K FACTORS	18.764	0.302	2.937		
FILL	COMB	BOOST1	BOOST2		
	2	1	1		
FILL TIME	40 Seconds				

DATE & TIME	4/20/2016 1:59:58 PM	P_ID	041906CM
SAMPLE ID	160956008	USER ID	alpha
WEIGHT (mg)	17.500	MODE	CHN

				SIGNALS	
				ZR	16688
CARBON	0.007%			NR	16787
HYDROGEN	0.492%			CR	16902
NITROGEN	-7.609%			HR	16874
BLANKS	92	-54	4010		
K FACTORS	18.764	0.302	2.937		
FILL	COMB	BOOST1	BOOST2		
	2	1	1		
FILL TIME	40 Seconds				

DATE & TIME	4/20/2016 2:18:00 PM	P_ID	041906CM
SAMPLE ID	160956008	USER ID	alpha
WEIGHT (mg)	10.110	MODE	CHN

SIGNALS

	ZR	16617
CARBON	NR	16704
0.016%	CR	16826
HYDROGEN	HR	16829
1.867%		
NITROGEN		
-13.212%		
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	40 Seconds	

DATE & TIME	4/20/2016 2:18:03 PM	P_ID	041906CM
SAMPLE ID	160956301	USER ID	alpha
WEIGHT (mg)	10.340	MODE	CHN

SIGNALS

	ZR	16646
CARBON	NR	16736
-0.30%	CR	16770
HYDROGEN	HR	16733
0.544%		
NITROGEN		
-12.908%		
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	40 Seconds	

DATE & TIME	4/20/2016 2:23:07 PM	P_ID	041906CM
SAMPLE ID	160956301	USER ID	alpha
WEIGHT (mg)	14.670	MODE	CHN

SIGNALS

	ZR	16634
CARBON	NR	16728
-0.19%	CR	16769
HYDROGEN	HR	16721
0.135%		
NITROGEN		
-9.089%		
BLANKS	92	-54 4010
K FACTORS	18.764	0.302 2.937
FILL	COMB	BOOST1 BOOST2
	2	1 1
FILL TIME	43 Seconds	

DATE & TIME	4/20/2016 2:28:11 PM	P_ID	041906CM
SAMPLE ID	160956301	USER ID	alpha
WEIGHT (mg)	10.230	MODE	CHN

SIGNALS

	ZR	16613
CARBON	NR	16698
-0.35%	CR	16723
HYDROGEN	HR	16701
1.036%		
NITROGEN		
-13.064%		

BLANKS	92	-54	4010
K FACTORS	18.764	0.302	2.937
FILL	COMB	BOOST1	BOOST2
	2	1	1
FILL TIME	40 Seconds		

DATE & TIME	4/20/2016 2:33:14 PM	P_ID	041906CM
SAMPLE ID	160956301	USER ID	alpha
WEIGHT (mg)	8.380	MODE	CHN

SIGNALS

ZR	16601
NR	16685
CR	16734
HR	16711

CARBON	-0.27%
HYDROGEN	1.225%
NITROGEN	-15.952%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	41 Seconds

DATE & TIME	4/20/2016 2:38:18 PM	P_ID	041906CM
SAMPLE ID	160956302	USER ID	alpha
WEIGHT (mg)	13.640	MODE	CHN

SIGNALS

ZR	16605
NR	16695
CR	16731
HR	16702

CARBON	-0.22%
HYDROGEN	0.607%
NITROGEN	-9.785%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	41 Seconds

DATE & TIME	4/20/2016 2:43:22 PM	P_ID	041906CM
SAMPLE ID	160956302	USER ID	alpha
WEIGHT (mg)	15.470	MODE	CHN

SIGNALS

ZR	16597
NR	16678
CR	16753
HR	16738

CARBON	-0.06%
HYDROGEN	0.835%
NITROGEN	-8.647%
BLANKS	92 -54 4010
K FACTORS	18.764 0.302 2.937
FILL	COMB BOOST1 BOOST2
	2 1 1
FILL TIME	41 Seconds

DATE & TIME	4/20/2016 2:48:26 PM	P_ID	041906CM
SAMPLE ID	160956302	USER ID	alpha
WEIGHT (mg)	12.700	MODE	CHN

				SIGNALS
				ZR 16596
CARBON	.002%			NR 16678
HYDROGEN	1.095%			CR 16765
NITROGEN	-10.531%			HR 16753
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	41 Seconds			

DATE & TIME	4/20/2016 2:53:32 PM	P_ID	041906CM
SAMPLE ID	160956302	USER ID	alpha
WEIGHT (mg)	10.520	MODE	CHN

				SIGNALS
				ZR 16604
CARBON	.019%			NR 16689
HYDROGEN	1.196%			CR 16744
NITROGEN	-12.703%			HR 16728
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	41 Seconds			

DATE & TIME	4/20/2016 2:58:37 PM	P_ID	041906CM
SAMPLE ID	CCV	USER ID	alpha
WEIGHT (mg)	10.260	MODE	CHN

				SIGNALS
				ZR 16612
CARBON	1.035%			NR 16746
HYDROGEN	1.904%			CR 18831
NITROGEN	-12.863%			HR 18836
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	41 Seconds			

DATE & TIME	4/20/2016 3:03:41 PM	P_ID	041906CM
SAMPLE ID	CCB	USER ID	alpha
WEIGHT (mg)	60.170	MODE	CHN

				SIGNALS
				ZR 16609
CARBON	.002%			NR 16712
HYDROGEN	0.187%			CR 16781
NITROGEN	-2.211%			HR 16761
BLANKS	92	-54	4010	
K FACTORS	18.764	0.302	2.937	
FILL	COMB	BOOST1	BOOST2	
1	2	1	1	
FILL TIME	41 Seconds			

Work Group

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Apr 21 2016, 12:30 pm

Work Group: WG885897 for Department: 7 Wet Chemistry

Created: 21-APR-16 Due: Operator: AR

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1609560-01	5237-160329-DC-EMB01	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-02	5237-160329-DC-EMB00	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-03	5237-160329-DC-EMB00	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-04	5237-160329-DC-EMB00	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-05	5237-160329-DC-EMB01	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-06	5237-160329-DC-EMB01	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-07	5237-160329-DC-EMB01	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609560-08	5237-160329-DC-EMB02	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0412	0422	S0	Glass-A.120
L1609563-01	5237-160330-DC-EMB03	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0413	0422	S0	Glass-A.120
L1609563-02	5237-160330-DC-EMB03	S A2-SOOT-LK-4REPS	SOIL	DONE	U	0413	0422	S0	Glass-A.120
WG885897-1	Laboratory Method	Bl S A2-SOOT-LK-4REPS	SOIL	DONE	U				
WG885897-2	Standard Reference	M S A2-SOOT-LK-4REPS	SOIL	DONE	U				
WG885897-3	Duplicate Sample	S A2-SOOT-LK-4REPS	SOIL	DONE	U				
WG885897-4	Matrix Spike	S A2-SOOT-LK-4REPS	SOIL	DONE	U				
Comments:									
WG885897-3	L1609560-01								
WG885897-4	L1609560-01								

Sample Preparation

#3 - SN: 241L1308211

TOC Instrument: #1 - SN: 241N8102003

(Circle one) #2 - SN: 241N9041221

ICV ID: WN2031SF
 Balance ID: 001712
 Other SRM ID: WNS070714A 16506

Date: 4/19/16
 Analyst: (CW)
 2° Review: _____

CV ID: WN120315A
 SRM 1944 ID: _____
 Filter Aid ID: WNS030411A

Login	SAMPLE	QC D/MS	TRAY LOCATION	AUTO SLOT	WEIGHT (mg)
Conditioning Std K				1	10.27
Blank				2	50.20
K Factor				3	10.25
Blank K				4	9.90
K-Factor 1000				5	10.22
K-Factor 5000				6	10.21
ICV 10000				7	10.30
ICV 20000				8	9.94
tes 40000				9	10.57
Blank ICV				10	
				11	10.41
ICB				12	68.19
HICV				13	51.60
SRM1650b				14	0.22
MB				15	80.48
SRM1650b				16	0.57
MB				17	60.27
SRM1650b				18	0.48
MB				19	48.05
CCV SRM1650b				20	0.43
CCB MB				21	78.68
SRM1650b				22	0.41
MB				23	54.88

Login	SAMPLE	QC D/MS	TRAY LOCATION	AUTO SLOT	WEIGHT (mg)
CCV				24	10.17
CCB				25	66.85
SRM1650b				26	0.59
LI009500	01			27	13.72
	01			28	9.94
	01			29	12.75
	01			30	13.73
	01D			31	10.45
	01D			32	13.24
CCV	01D			33	10.70
CCB	01D			34	10.98
	01D			35	10.35
CCV				36	59.40
CCB				37	10.98
	01MS	10.27		38	11.61
	01MS	10.40		39	10.05
	01MS	10.24		40	10.81
	01MS	9.97		41	11.44
	02			42	8.59
	02			43	7.97
	02			44	11.82
CCV	02			45	10.57
CCB	03				

counts sampler error 4/19/16 CW

TOC Instrument: #1 - SN: 241N8102003 #3 - SN: 241L1308211
 (Circle one) #2 - SN: 241N9041221

Date: 4/19/14
 Analyst: CW/AP
 2° Review:
 ICV ID: _____
 Balance ID: _____
 Other SRM ID: _____

Login	SAMPLE	QC D/MS	TRAY LOCATION	AUTO SLOT	WEIGHT (mg)
Conditioning Std					
Blank					
K Factor					
Blank					
K Factor					
K Factor					
K Factor					
ICV	03			46	10.21
ICB	03			47	10.13
ICV	03			48	66.96
ICB	03			49	9.16
ICV	03			50	9.54
ICB	03			51	11.07
ICV	04			52	11.95
ICB	04			53	9.19
ICV	04			54	11.20
ICB	04			55	10.05
ICV	05			56	10.31
ICB	05			57	8.44
ICV	05			58	8.22
ICB	05			59	10.23
ICV	06			60	59.79
ICB	06			61	9.88
ICV	06			62	11.08

Login	SAMPLE	QC D/MS	TRAY LOCATION	AUTO SLOT	WEIGHT (mg)
CCV					
CCB					
CCV	06			63	10.11
CCB	06			64	9.04
CCV	07			65	10.25
CCB	07			66	11.30
CCV	07			67	12.51
CCB	07			68	11.44
CCV	08			69	11.64
CCB	08			70	10.71
CCV	08			71	10.07
CCB	08			72	68.32
CCV	08			73	17.50
CCB	08			74	10.11
CCV	01			75	10.34
CCB	01			76	14.67
CCV	01			77	10.23
CCB	01			78	8.38
CCV	02			79	13.64
CCB	02			80	15.47
CCV	02			81	12.70
CCB	02			82	10.52
CCV	02			83	10.26
CCB	02			84	60.17