

Atmospheric Analysis & Consulting, Inc.

Client : SWAPE.
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment
Client Project No. : NA
AAC Project No. : 130559
Reporting Date : 05/10/2013

On May 9, 2013, Atmospheric Analysis & Consulting, Inc. received eight (8) sorbent tube samples for Ammonia Analysis by OSHA ID-188. Upon receipt the samples were assigned unique Laboratory ID numbers as follows:

Client Sample ID	AAC Sample ID
Trip Blank-Ammonia	130559-62846
BZ-2-Ammonia	130559-62856
U1-Ammonia	130559-62865
U2-Ammonia	130559-62874
U3-Ammonia	130559-62883
D1-Ammonia	130559-62892
D2-Ammonia	130559-62901
D3-Ammonia	130559-62910


IC Analysis - Up to a 4 ml aliquot of the sample is injected into the DIONEX IC for Ammonia analysis.

All sample values were blank corrected using the Trip Blank value for Ammonia. The Trip Blank value was calculated using a sample volume of 25.0 Liter.

No problems were encountered during receiving, preparation, and/ or analysis of these samples. The test results included in this report meet all requirements of the NELAC Standards and/or AAC SOP# OSHAID188.01.

I certify that this data is technically accurate, complete, and in compliance with the terms and conditions of the contract. The Laboratory Director or his designee, as verified by the following signature, has authorized release of the data contained in this hardcopy data package.

If you have any questions or require further explanation of data results, please contact the undersigned.


Marcus Hueppe
Laboratory Director

This report consists of 41 pages.



AAE 130559

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name:

SOIL / WATER AIR PROTECTION ENTERPRISE

Project Manager:

PAUL ROSENFELD, PH.D.

Address:

1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401

Project Name and Location:

BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT

Sampled By:

Paul Rosenfeld

Sampler/Signature:

Paul Rosenfeld

Telephone No. / Fax No.:

(310) 434-0110 / (310) 434-0011

Date:

Page of

REQUESTED TESTS / ANALYSES

Special Instructions /
Conditions of Receipt

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation
02843	MAIL BLANK - DWPH						X										
02844	- ACIDS						X										
02845	- HCL							X									
02846	- AMMONIA								X								
02847	- SO2									X							
02848	- HCN										X						
02849	- AMINES											X					
02850	- MERCURY												X				
02851	- Canister				X	X								X			

Requested Turnaround Time:

Standard turn-around for all analyses. If possible deliver report within 2 weeks.

QC Requirements:

Provide Level IV QC Package for all Analyses.

Relinquished By:

Paul Rosenfeld

Date: 5/8/13

Time: 10:00

Received By:

[Signature]

Date:

Time:

Relinquished By:

[Signature]

Date:

Time:

Received By:

[Signature]

Date:

Time:

Relinquished By:

[Signature]

Date:

Time:

Received By:

[Signature]

Date: 5/9/13

Time: 0935

SOIL / WATER / AIR PROTECTION ENTERPRISE

- FRED EX

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE				Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011				Date: 5/8/13										
Project Manager: PAUL ROSENFELD, PH.D.				REQUESTED TESTS / ANALYSES				Page 1 of 1										
Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401																		
Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT				Special Instructions / Conditions of Receipt														
Sampled By: <i>Paul Rosenfeld</i>		Sampler's Signature: <i>Paul Rosenfeld</i>																
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62852	BZ-2 - Counter	Canister	5/8/13	13:32	X									X				
62853		DMPH		13:23			X											
62854		ACIDS		13:26			X											
62855		HCL		13:24				X										
62856		AMMONIA		13:20					X									
62857		SO2		13:22				X										
62858		HCN		13:29					X									
62859		AMINES		13:31						X								
62860		MERCURY		13:28								X						
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.				QC Requirements: Provide Level IV QC Package for all Analyses.														
Relinquished By: <i>Paul Rosenfeld</i>		Date: 5/8/13		Time: 18:00		Received By: <i>W. J. [Signature]</i>		Date: 5/8/13		Time: 0935								
Relinquished By:		Date:		Time:		Received By:		Date:		Time:								
Relinquished By:		Date:		Time:		Received By:		Date:		Time:								

SOIL / WATER / AIR PROTECTION ENTERPRISE

-REDDY

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

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SOIL / WATER / AIR PROTECTION ENTERPRISE

-FREDIX

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE			Telephone No. / Fax No.: (310) 434-0110 / (310) 434-0011			Date: 5/9/13	Page 1 of 1													
Project Manager: PAUL ROSENFELD, PH.D.			REQUESTED TESTS / ANALYSES				Special Instructions / Conditions of Receipt													
Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401																				
Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT			Sampled By: <i>Paul Rosenfeld</i> Sample Signature: <i>Paul Rosenfeld</i>																	
LAB ID	SAMPLE ID NUMBER	Type	Date	Time	VOCS - EPA TO-15	Reduced Sulfur Compounds - ASTM D5504	Aldehydes - EPA TO-11A	Carboxylic Acids - Tube GC-MS	HCL - NIOSH 7903	Ammonia - OSHA ID-188	SO2 - OSHA ID-200	HCN - NIOSH 6010	Amines - NIOSH 2010M	Fixed Gases - EPA 3C	PAHs / Dioxins EPA TO-13A / 9A	Mercury - NIOSH 6009	Odor Evaluation			
02870	U-2-Camister		5/7/13	13:20X										X						
02871	-DMPH	TRE		13:17			X													
02872	-AC105			13:09			X													
02873	-HEL			13:14				X												
02874	-AMMONIA			13:18					X											
02875	-SO2			13:13						X										
02876	-HCN			13:15							X									
02877	-AMINES			13:10								X								
02878	-MERCURY			13:12											X					
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.			QC Requirements: Provide Level IV QC Package for all Analyses.																	
Relinquished By: <i>Paul Rosenfeld</i>		Date: 5/6/13	Time: 18:00		Received By: <i>[Signature]</i>		Date:	Time:		Received By: <i>[Signature]</i>		Date: 5/9/13	Time: 0935							
Relinquished By:		Date:	Time:		Received By:		Date:	Time:		Received By:		Date:	Time:							
Relinquished By:		Date:	Time:		Received By:		Date:	Time:		Received By:		Date:	Time:							

SOIL / WATER / AIR PROTECTION ENTERPRISE

- FENDLX

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

Bridgeton Sanitary Landfill Air Quality Assessment

Client Name: SOIL / WATER AIR PROTECTION ENTERPRISE				Telephone No. / Fax No.:				Date:											
Project Manager: PAUL ROSENFELD, PH.D.				(310) 434-0110 / (310) 434-0011				5/8/12											
Address: 1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401				REQUESTED TESTS / ANALYSES				Special Instructions / Conditions of Receipt											
Project Name and Location: BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT																			
Sampled By: <i>Paul Rosenfeld</i>		Sampler Signature: <i>Paul Rosenfeld</i>																	
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62879	D-3-Comister	CAN	5/6/12	12:14	X	X								X					
62880	-NAPM	TUBE		12:03			X												
62881	-ACIDS			12:06			X												
62882	-HCL			12:09				X											
62883	-AMMONIA			12:07					X										
62884	-SO2			12:11						X									
62885	-HCN			12:12							X								
62886	-AMINES			12:05								X							
62887	-Mercury			11:22												X			
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.				OC Requirements: Provide Level IV QC Package for all Analyses.															
Relinquished By: <i>Paul Rosenfeld</i>		Date: 5/8/12		Time: 1:00		Received By: <i>[Signature]</i>		Date: 5/8/12		Time: 09:35									
Relinquished By:		Date:		Time:		Received By:		Date:		Time:									
Relinquished By:		Date:		Time:		Received By:		Date:		Time:									

SOIL / WATER / AIR PROTECTION ENTERPRISE

-FEDIX

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 Address: **1640 FIFTH STREET, SUITE 204, SANTA MONICA, CA 90401**
 Project Name and Location: **BRIDGETON SANITARY LANDFILL AIR QUALITY ASSESSMENT**

Requested Tests / Analyses

<input type="checkbox"/>	VOCS - EPA TO-15
<input type="checkbox"/>	Reduced Sulfur Compounds - ASTM D5504
<input type="checkbox"/>	Aldehydes - EPA TO-11A
<input type="checkbox"/>	Carboxylic Acids - Tube GC-MS
<input type="checkbox"/>	HCL - NIOSH 7903
<input type="checkbox"/>	Ammonia - OSHA ID-188
<input type="checkbox"/>	SO2 - OSHA ID-200
<input type="checkbox"/>	HCN - NIOSH 6010
<input type="checkbox"/>	Amines - NIOSH 2010M
<input type="checkbox"/>	Fixed Gases - EPA 3C
<input type="checkbox"/>	PAHs / Dioxins EPA TO-13A / 9A
<input type="checkbox"/>	Mercury - NIOSH 6009
<input type="checkbox"/>	Odor Evaluation

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.
 OC Requirements: Provide Level IV QC Package for all Analyses.

LAB ID	SAMPLE ID NUMBER	Type	Date	Time	Requested	Received
62888	D-1 - <i>Canister</i>	Can	5/13	11:57	X	X
62889	- <i>ANPH</i>	Tube		11:55		X
62890	- <i>ACIDS</i>			11:54		X
62891	- <i>HCL</i>			11:46		X
62892	- <i>AMMONIA</i>			11:49		X
62893	- <i>SO2</i>			11:48		X
62894	- <i>HCN</i>			11:42		X
62895	- <i>AMINES</i>			11:52		X
62896	- <i>MERCURY</i>			11:43		X

Relinquished By: *Paul Rosenfeld* Date: 5/8/12 Time: 18:00
 Relinquished By: *Paul Rosenfeld* Date: Date: Time: Time:
 Relinquished By: Date: Date: Time: Time:

Received By: *Paul Rosenfeld* Date: 5/13/12 Time: 09:35
 Received By: *Paul Rosenfeld* Date: Date: Time: Time:

SOIL / WATER / AIR PROTECTION ENTERPRISE
 - *Reddy*

Special Instructions / Conditions of Receipt

CHAIN OF CUSTODY RECORD / ANALYTICAL REQUEST FORM

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62897	D-2 - Canister		04/27/13					12:22	X									X				
62898	- DNPH	TOBE						12:19			X											
62899	- ACID5							12:21			X											
62900	- HCL							12:12			X											
62901	- AMMONIA							12:17				X										
62902	- SO2							12:15					X									
62903	- HCN							12:16					X									
62904	- AMINES							12:08						X								
62905	- MERCURY	Y	Y					12:10									X					
Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.				OC Requirements: Provide Level IV QC Package for all Analyses.																		
Relinquished By: <i>Paul Rosenfeld</i>		Date: 3/8/12		Time: 18:00		Received By: <i>Paul Rosenfeld</i>		Date: 5/9/13		Time: 0935												
Relinquished By:		Date:		Time:		Received By:		Date:		Time:												
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SOIL / WATER / AIR PROTECTION ENTERPRISE

- PERRY

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62906	0-3-Camister	MAN	5/8/13	13:00	X	X								X				
62907	-DUPH	TOBE		12:17			X											
62908	-ACIDS			12:58			X											
62909	-HCL			12:51				X										
62910	-AMMONIA			12:55					X									
62911	-SO2			12:57						X								
62912	-HCN			12:50							X							
62913	-AMINES			12:54								X						
62914	-MERCKURY			12:48												X		

Requested Turnaround Time: Standard turn-around for all analyses. If possible deliver report within 2 weeks.
 OC Requirements: Provide Level IV OC Package for all Analyses.

Relinquished By: [Signature] Date: 5/8/13 Time: 18:00
 Received By: [Signature] Date: 5/8/13 Time: 09:35

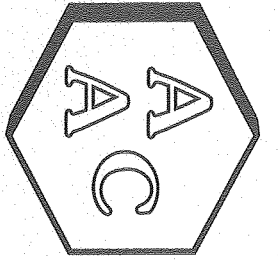
Relinquished By: [Signature] Date: [] Time: []
 Received By: [Signature] Date: [] Time: []

Relinquished By: [Signature] Date: [] Time: []
 Received By: [Signature] Date: [] Time: []

SOIL / WATER / AIR PROTECTION ENTERPRISE

- REX

Results



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report Cation Analysis by IC

Client : SWAPE
Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment Receiving Date : 05/07-8/2013
AAC Project No. : 130559
Analyst : EG/HP
Units : ppbv
Reporting Date : 05/09/2013
Analysis Date : 05/09/2013
Reporting Date : 05/10/2013


Ammonia Analysis by OSHA Method ID-188

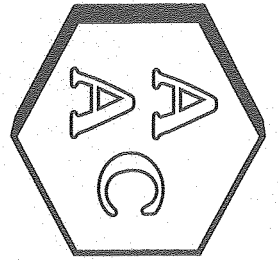
Client Sample ID	AAC Sample ID	Sample Volume (mL)	Analysis DF	Ammonia (ppbv)	Sample Reporting Limit (ppbv)
Trip Blank-Ammonia	130559-62846	10.0	5	<SRL	271
BZ-2-Ammonia	130559-62856	10.0	5	<SRL	283
U1-Ammonia	130559-62865	10.0	5	<SRL	270
U2-Ammonia	130559-62874	10.0	5	<SRL	261
U3-Ammonia	130559-62883	10.0	5	<SRL	273
D1-Ammonia	130559-62892	10.0	5	<SRL	270
D2-Ammonia	130559-62901	10.0	5	<SRL	290
D3-Ammonia	130559-62910	10.0	5	<SRL	321

<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)

All sample values were blank corrected using the Trip Blank value for Ammonia

The Trip Blank value was calculated using a sample volume of 25 Liters


Marcus Hueppe
Laboratory Director



Atmospheric Analysis & Consulting, Inc.

Laboratory Analysis Report Cation Analysis by IC

Client : SWAPE
 Client Project Name : Bridgeton Sanitary Landfill Air Quality Assessment
 AAC Project No. : 130559
 Analyst : EG/HP
 Units : ug/sample and ug/m³

Sampling Date : 05/07-8/2013
 Receiving Date : 05/09/2013
 Analysis Date : 05/09/2013
 Reporting Date : 05/10/2013

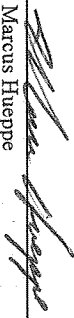
Ammonia Analysis by OSHA Method ID-188

Client Sample ID	AAC Sample ID	Sample Volume (mL)	Analysis DF	Ammonia (ug/sample)	Sample Reporting Limit (ug/sample)	Ammonia (ug/m ³)	Sample Reporting Limit (ug/m ³)
Trip Blank-Ammonia	130559-62846	10.0	5	<SRL	4.72	<SRL	189
BZ-2-Ammonia	130559-62856	10.0	5	<SRL	4.72	<SRL	197
U1-Ammonia	130559-62865	10.0	5	<SRL	4.72	<SRL	188
U2-Ammonia	130559-62874	10.0	5	<SRL	4.72	<SRL	182
U3-Ammonia	130559-62883	10.0	5	<SRL	4.72	<SRL	190
D1-Ammonia	130559-62892	10.0	5	<SRL	4.72	<SRL	188
D2-Ammonia	130559-62901	10.0	5	<SRL	4.72	<SRL	202
D3-Ammonia	130559-62910	10.0	5	<SRL	4.72	<SRL	224

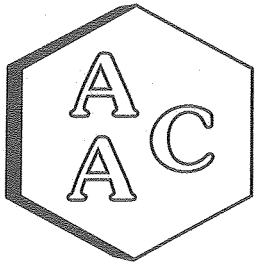
<SRL-compound was analyzed for but not detected at or above the SRL (Sample Reporting Limit)

All sample values were blank corrected using the Trip Blank value for Ammonia

The Trip Blank value was calculated using a sample volume of 25 Liters


 Marcus Hueppe
 Laboratory Director

QA/QC Summary



Atmospheric Analysis & Consulting, Inc.

Quality Control/Quality Assurance Report OSHA Method ID-188

Analysis Date : 05/09/2013
Analyst : EG/HP

Instrument ID : DIONEX IC #1

Calibration Verification of the 04/16/2013 Calibration

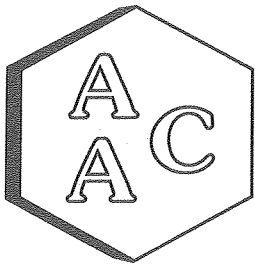
Sample ID	Analyte	Theoretical Concentration (ug/mL)	Practical Concentration (ug/mL)	Percent Recovery (%)*
Opening CV	Ammonium	25.0	25.1	100
Continuing CV	Ammonium	25.0	25.0	99.8
Closing CV	Ammonium	25.0	25.1	100
Second Source	Ammonium	25.0	25.1	100

* Must be 85-115%



Marcus Hueppe
Laboratory Director





Atmospheric Analysis & Consulting, Inc.

QUALITY CONTROL/ASSURANCE REPORT

OSHA Method ID-188

Analysis Date : 05/09/2013
 Analyst : EG/HP

Instrument ID : DIONEX IC #1

Method Blank Analysis

Analyte	Concentration (ug/mL)	Reporting Limit (ug/mL)
Ammonium	<RL	0.100

Laboratory Control Spike Analysis

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Lab Spike Concentration (ug/mL)	Duplicate Lab Spike Concentration (ug/mL)	Spike Recovery (%)**	Duplicate Spike Recovery (%)**	%RPD****
Ammonium	0.000	12.5	12.5	12.6	100	101	0.5

Matrix Spike Analysis [Sample 130559-62846x5]

Analyte	Theoretical Sample Concentration (ug/mL)	Theoretical Spike Concentration (ug/mL)	Matrix Spike Concentration (ug/mL)	Duplicate Matrix Spike Concentration (ug/mL)	Spike Recovery (%)***	Duplicate Spike Recovery (%)***	%RPD****
Ammonium	0.000	12.5	12.5	12.6	100	101	0.7

Duplicate Sample Analysis

Sample ID	Analyte	Result (ug/mL)	Duplicate Result (ug/mL)	%RPD*	DF
130559-62846x5	Ammonium	<SRL	<SRL	NA	5
130559-62865x5	Ammonium	<SRL	<SRL	NA	5

* Must be <10%

** Must be 85-115%

*** Must be 75-125%

**** Must be < 25%

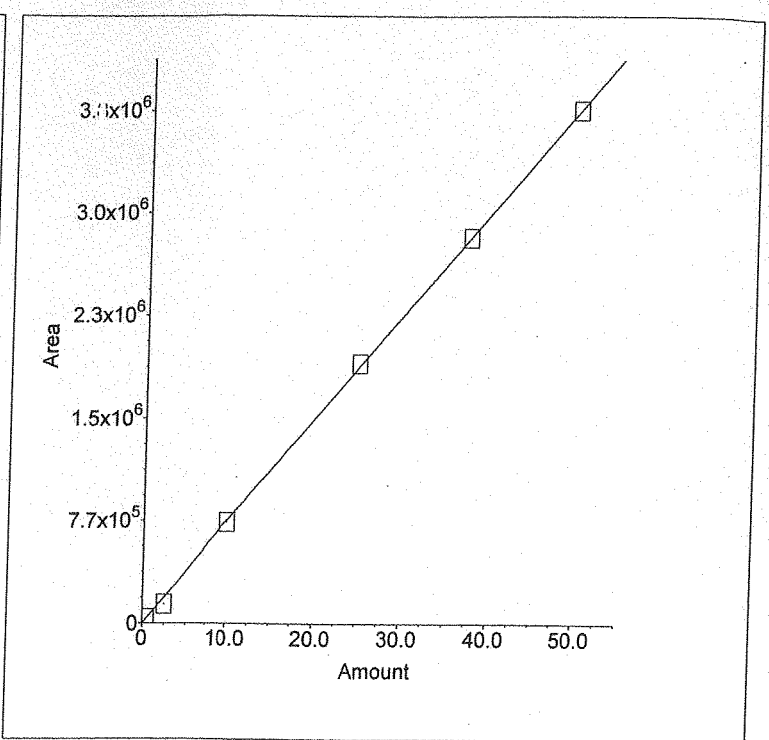
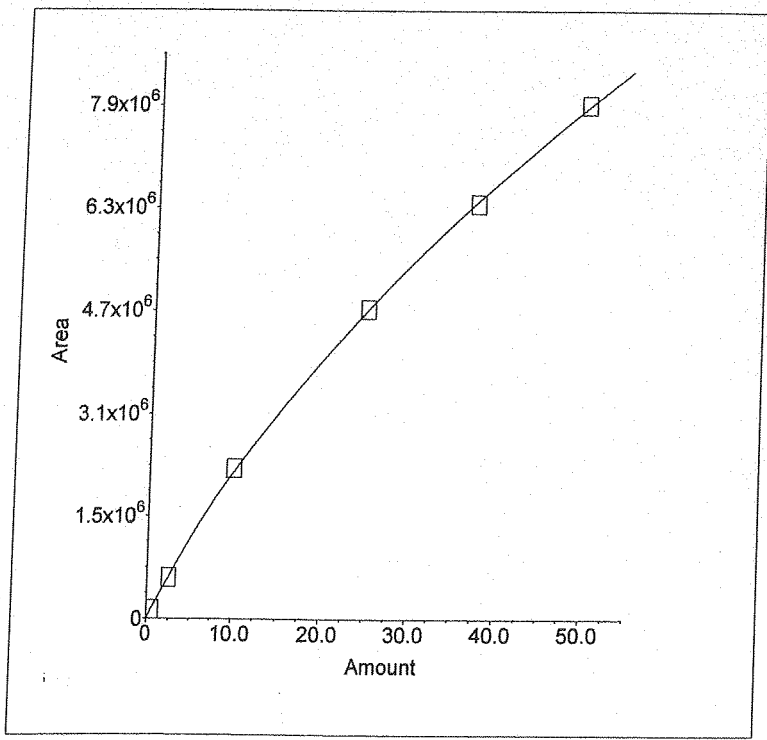
 Marcus Hueppe
 Laboratory Director



Calibration Summary

1. Component: Ammonium
Standard: External Fit Type: Quadratic
Origin: Force Calibration: Area
 $r^2=0.999891$
Amt= $3.425992e-013*Resp^2+$
 $3.614102e-006*Resp+0$

2. Component: Trimethylamine
Standard: External Fit Type: Linear
Origin: Force Calibration: Area
 $r^2=0.999769$
Amt= $1.297e-005*Resp+0$



6.3x10⁶
4.7x10⁶

Raw Data

Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_001.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

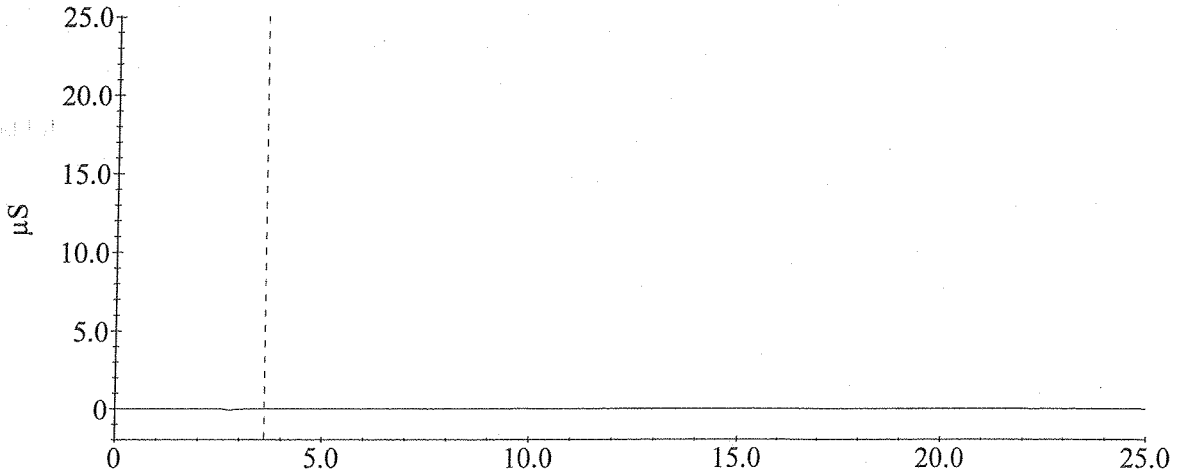
Date Time Collected : 5/9/2013 7:43:59 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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DI Water Blank



HP
05/09/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_002.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

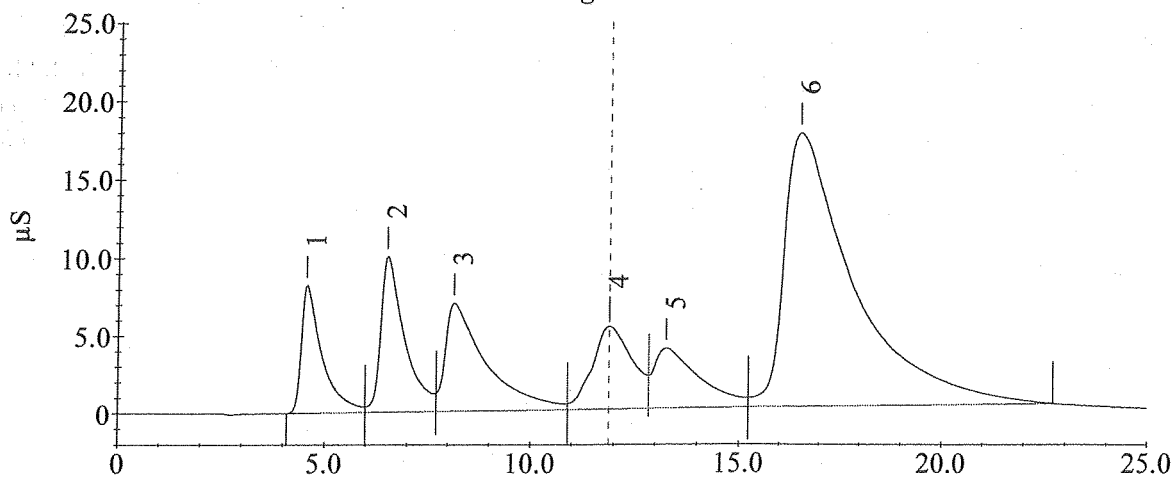
Date Time Collected : 5/9/2013 8:09:15 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.55	0.00	2851566	82080
2	Unknown 2	6.50	0.00	4029932	99679
3	Ammonium	8.13	25.10	4779110	69418
4	Unknown 3	11.88	0.00	3545619	53162
5	Unknown 4	13.25	0.00	2921634	38506
6	Unknown 5	16.52	0.00	21025073	174523

CCV 25ug/mL SS0619x16



Sample Analysis Report

Sample Name : SS 25ug/ml SS0646x40

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_003.DXD

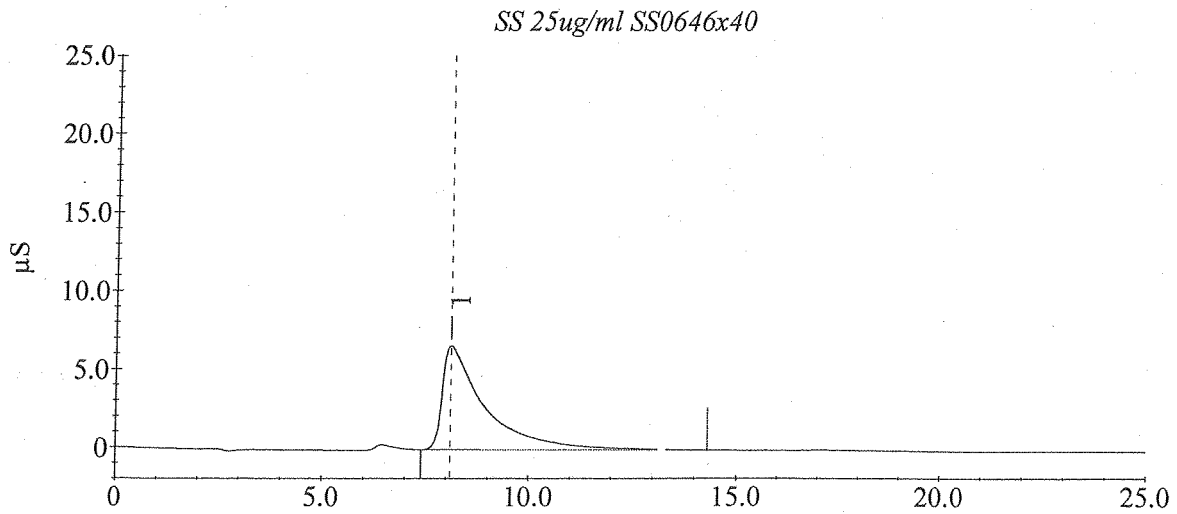
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 8:34:32 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	8.10	25.05	4772465	66350



Sample Analysis Report

Sample Name : Method Blank

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_004.DXD

Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

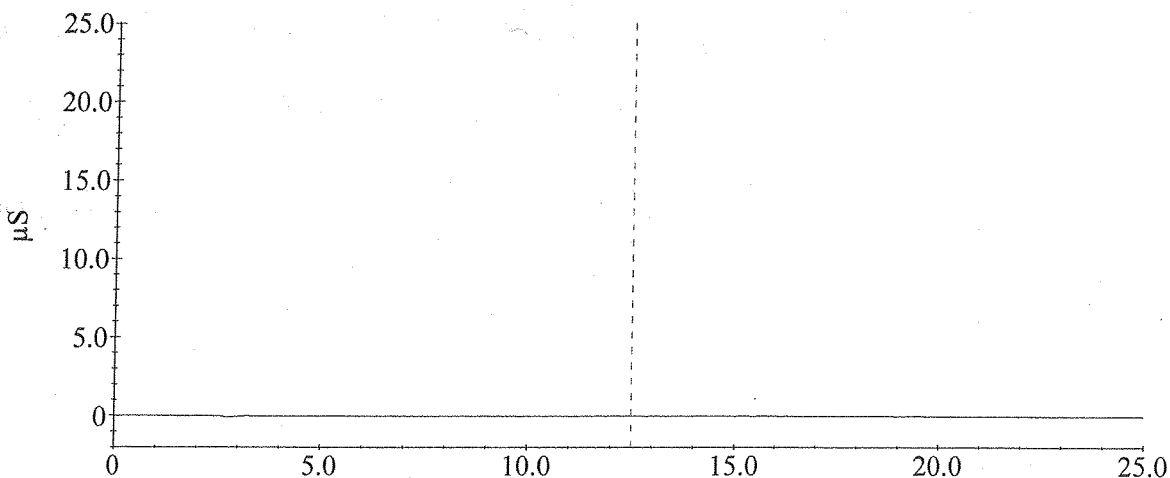
Date Time Collected : 5/9/2013 8:59:50 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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Method Blank



HP
05/09/13

Sample Analysis Report

Sample Name : LCS 12.5ug/ml SS0619x32

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_005.DXD

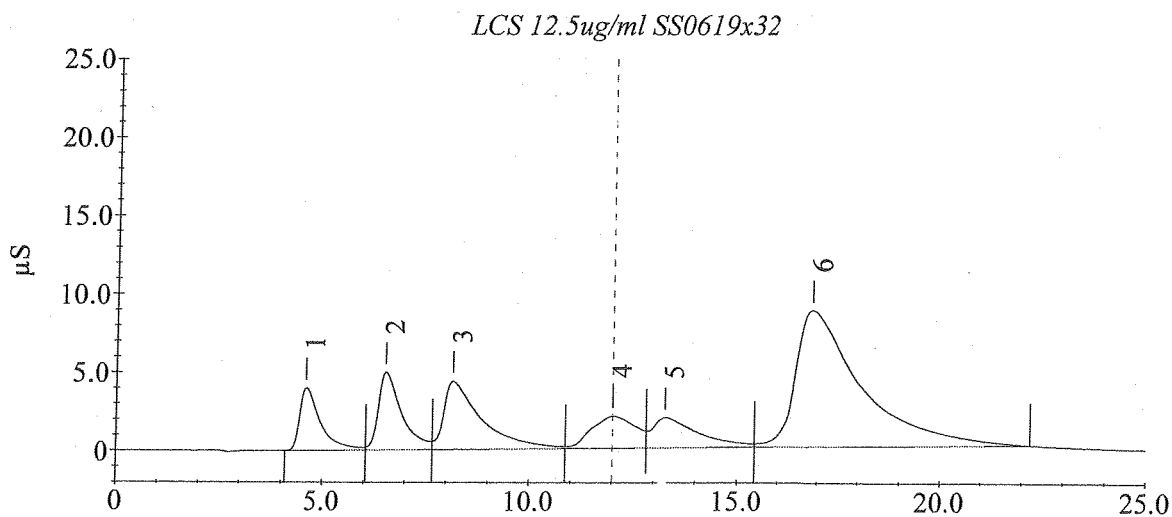
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 9:25:09 AM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.58	0.00	1406815	39748
2	Unknown 2	6.52	0.00	1965110	49393
3	Ammonium	8.15	12.52	2748337	43401
4	Unknown 3	12.02	0.00	1489281	20440
5	Unknown 4	13.27	0.00	1473192	19156
6	Unknown 5	16.87	0.00	9880557	87007



Sample Analysis Report

Sample Name : LCSD 12.5ug/ml SS0619x32

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_006.DXD

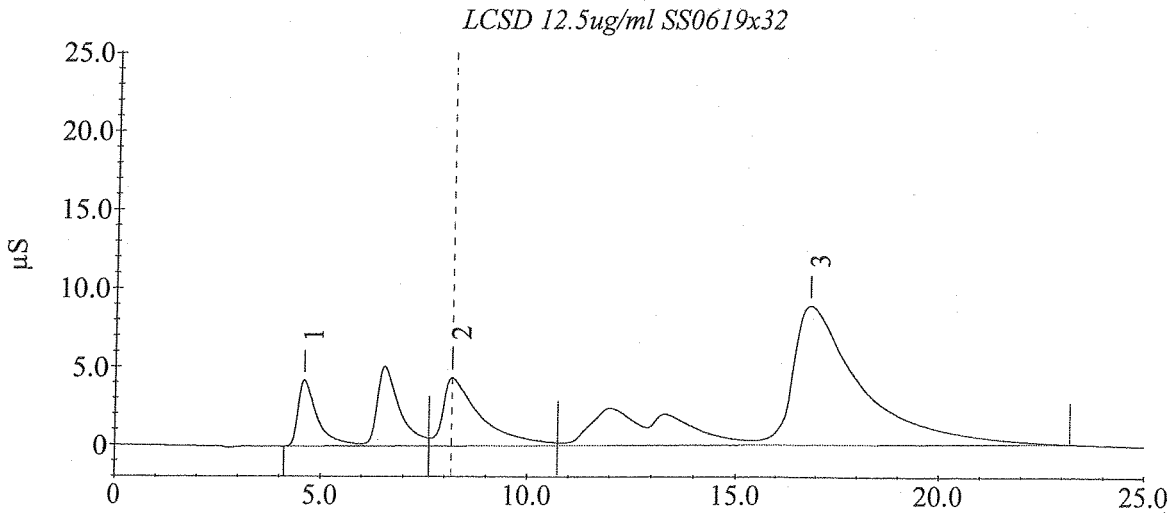
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 9:50:27 AM

System Operator : EG

Peak Information · All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.58	0.00	3300091	42264
2	Ammonium	8.17	12.58	2759320	43561
3	Unknown 2	16.83	0.00	13645776	88763



Sample Analysis Report

Sample Name : MS 12.5 ug/ml (130559-62846x5)

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_007.DXD

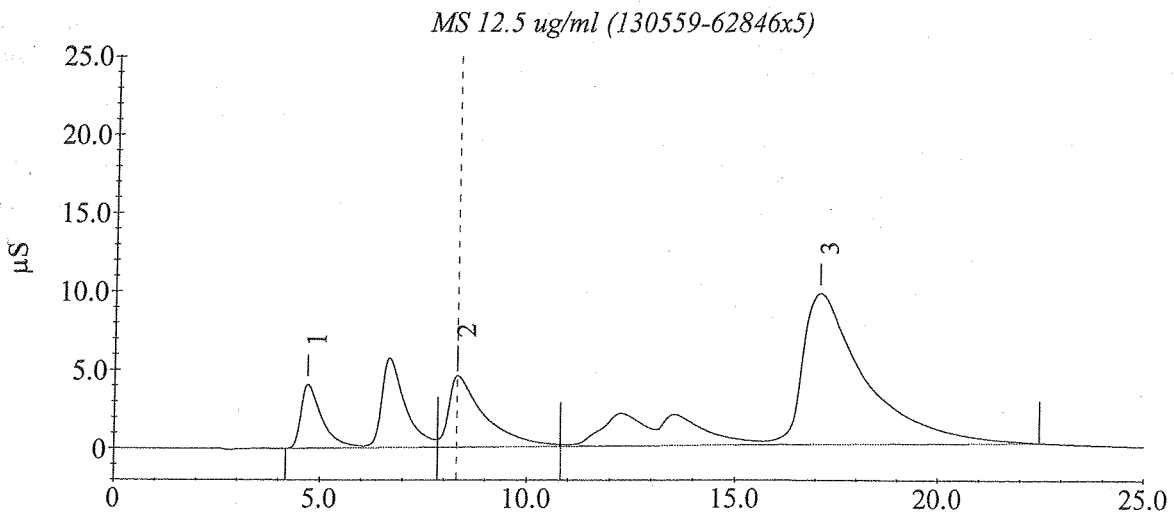
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 1:30:20 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.68	0.00	3689656	40376
2	Ammonium	8.30	12.48	2741806	45382
3	Unknown 2	17.07	0.00	13179500	95972



EG
251013

Sample Analysis Report

Sample Name : MSD 12.5 ug/ml (130559-62846x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_008.DXD

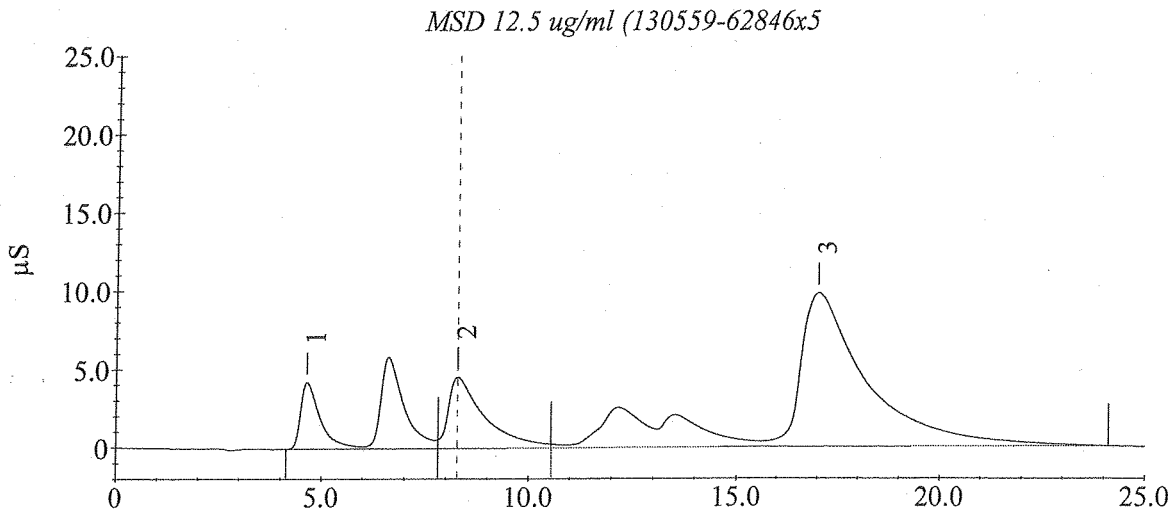
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 1:55:40 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.63	0.00	3661121	42471
2	Ammonium	8.27	12.57	2757961	45354
3	Unknown 2	17.00	0.00	14442850	97641



Sample Analysis Report

Sample Name : 130559-62846x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_009.DXD

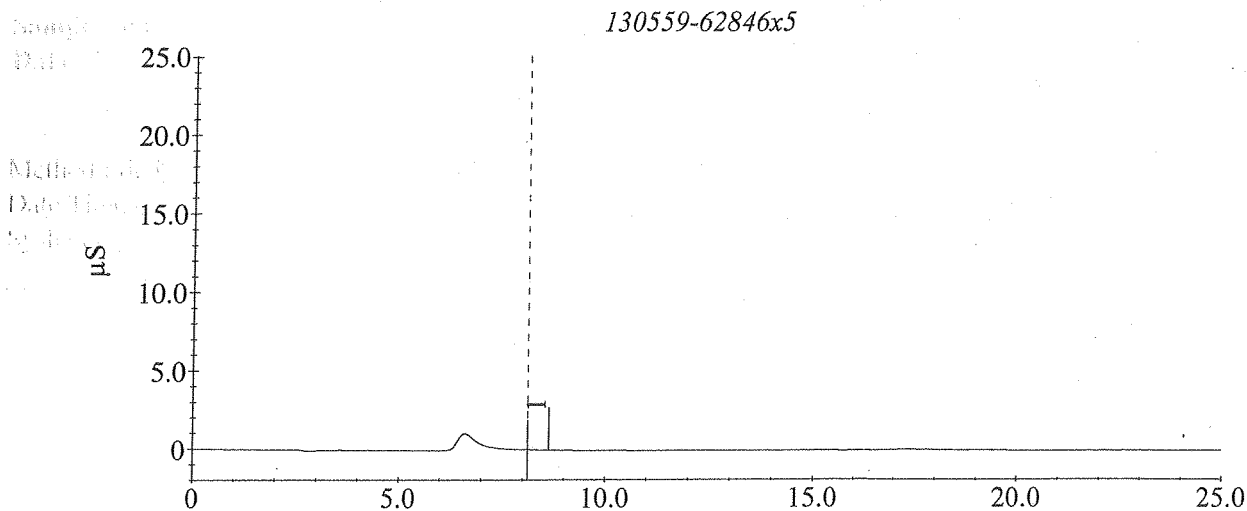
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 2:20:59 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	8.12	0.02	1285	0



EG
C 5/9/13

Sample Analysis Report

Sample Name : 130559-62846x5 dup

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_010.DXD

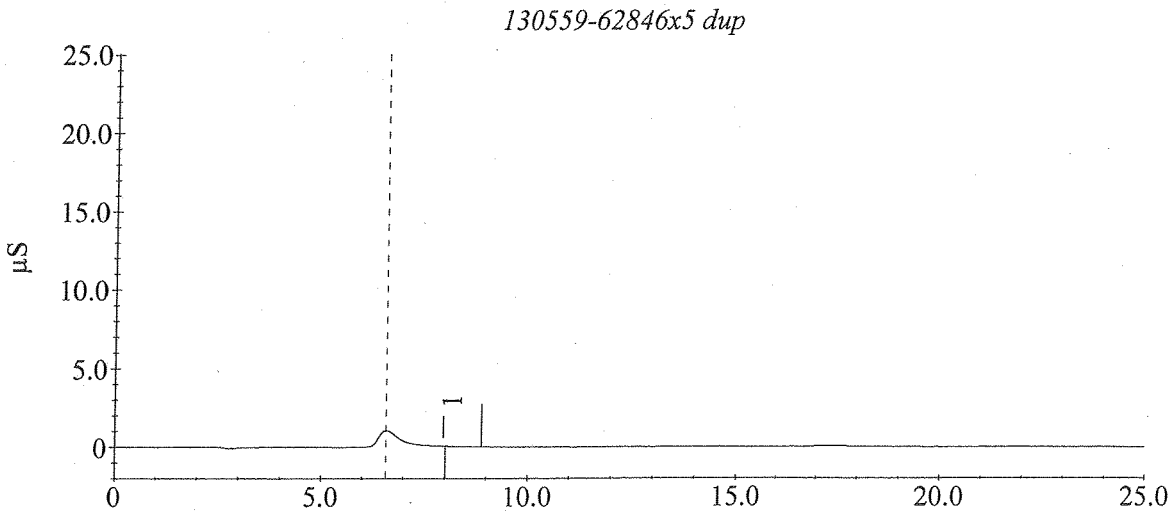
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 2:46:17 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.97	0.03	1399	4



EG
05/09/13

Sample Analysis Report

Sample Name : 130559-62856x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_011.DXD

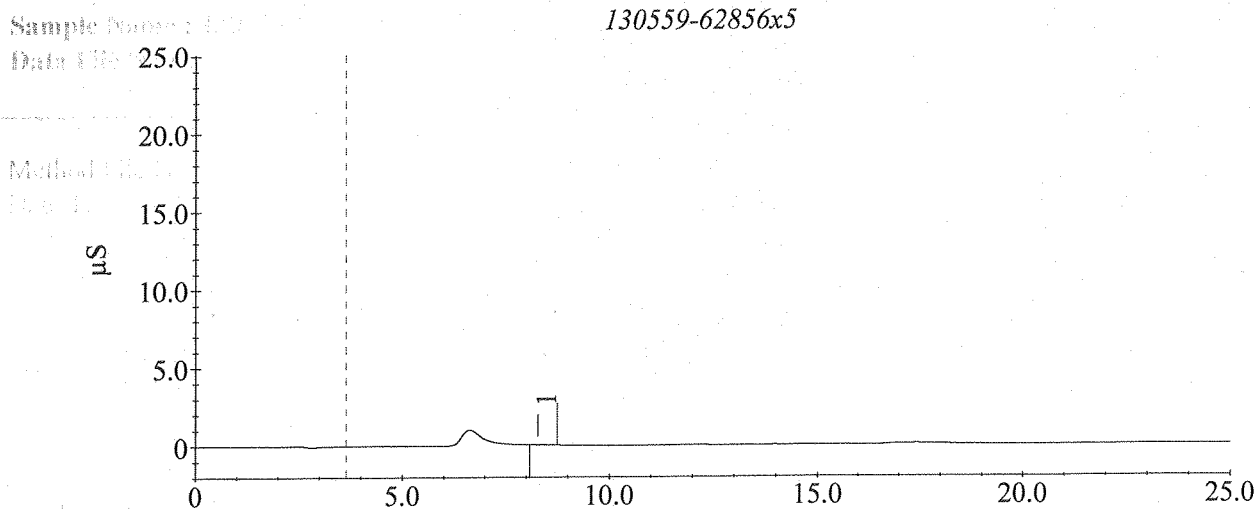
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 3:11:36 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	8.28	0.05	2531	104



Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_012.DXD

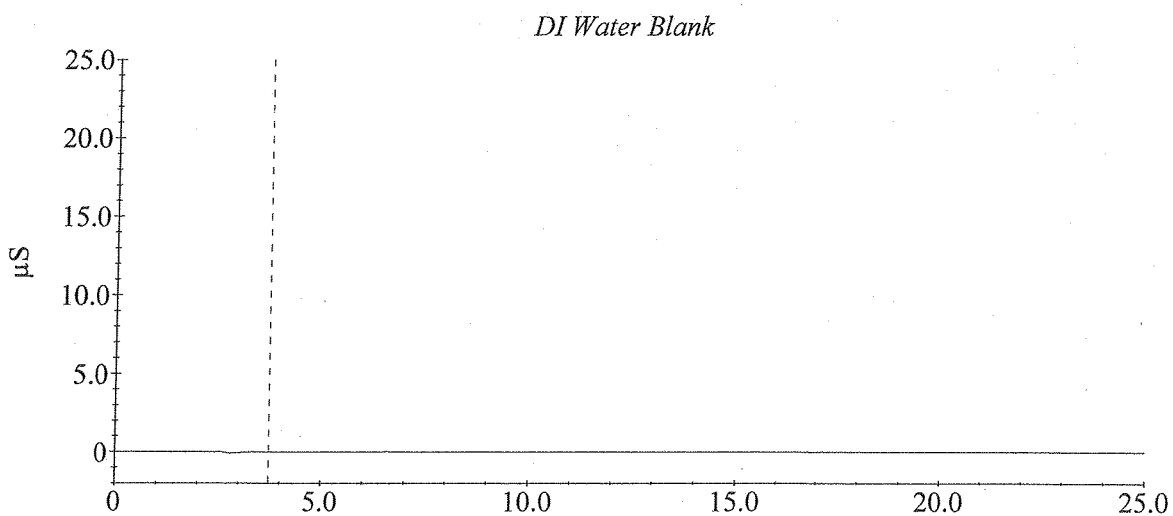
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 3:36:54 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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EG
05/09/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_013.DXD

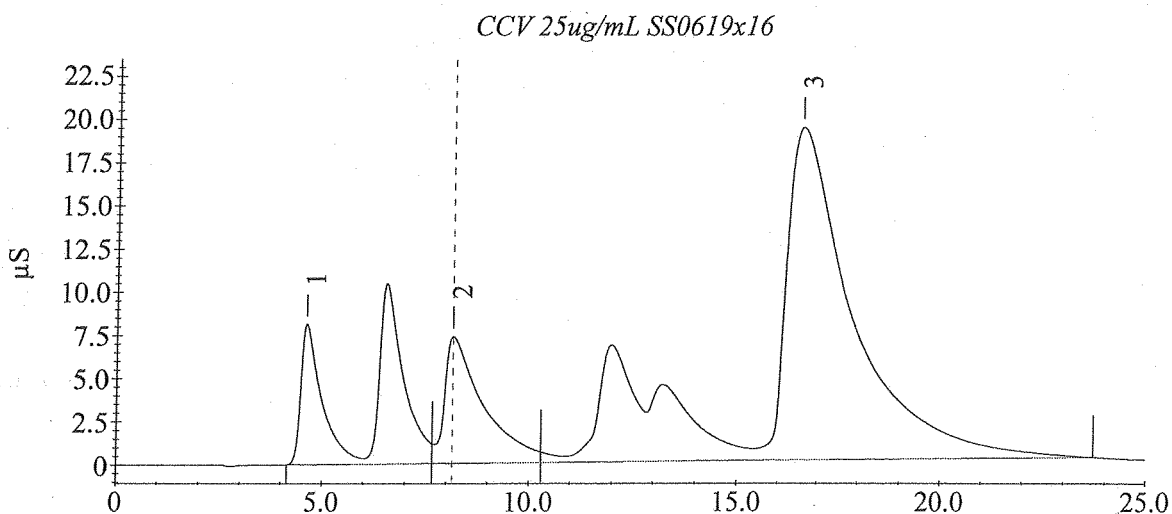
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 4:02:13 PM

System Operator : EG

Peak Information . All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.60	0.00	6992531	80899
2	Ammonium	8.15	24.95	4757247	72817
3	Unknown 2	16.60	0.00	29440542	191534



EG
C 5/9/13

Sample Analysis Report

Sample Name : 130559-62865x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_014.DXD

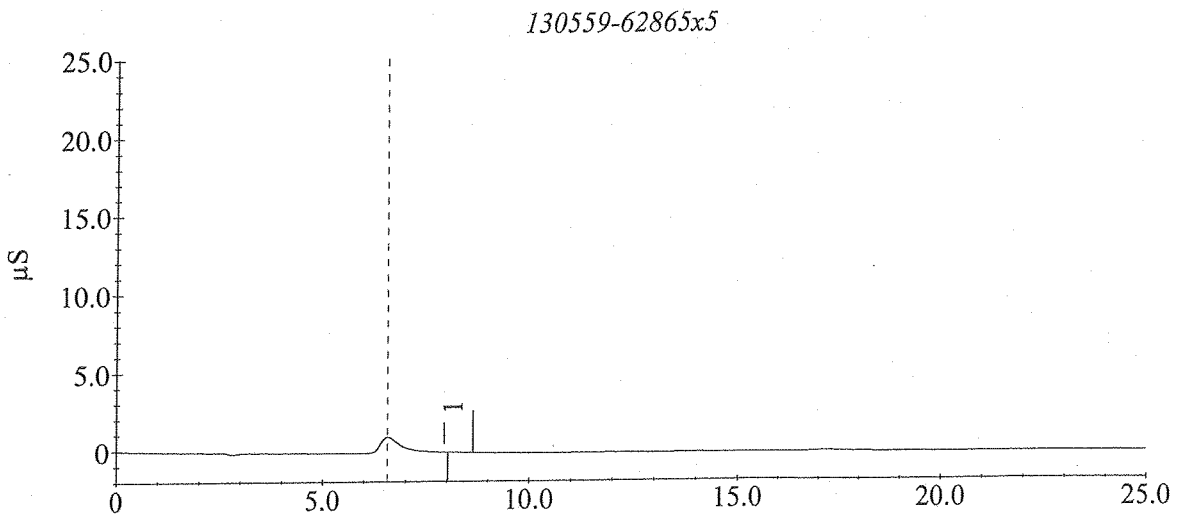
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 4:27:31 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.94	0.03	1875	26



Sample Analysis Report

Sample Name : 130559-62865x5 dup

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_015.DXD

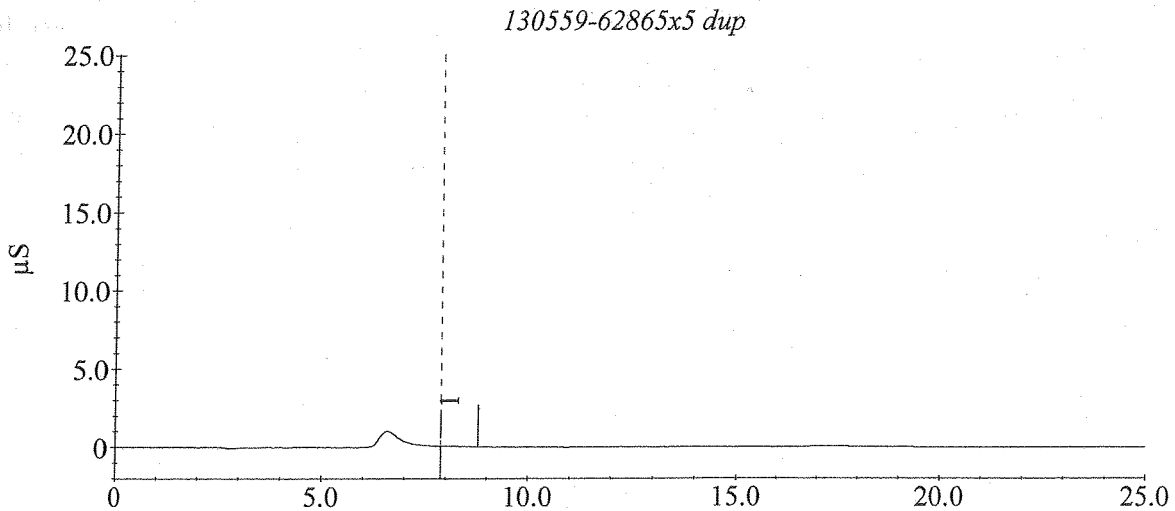
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 4:52:49 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.89	0.03	1678	1



Sample Analysis Report

Sample Name : 130559-62874x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\016.DXD

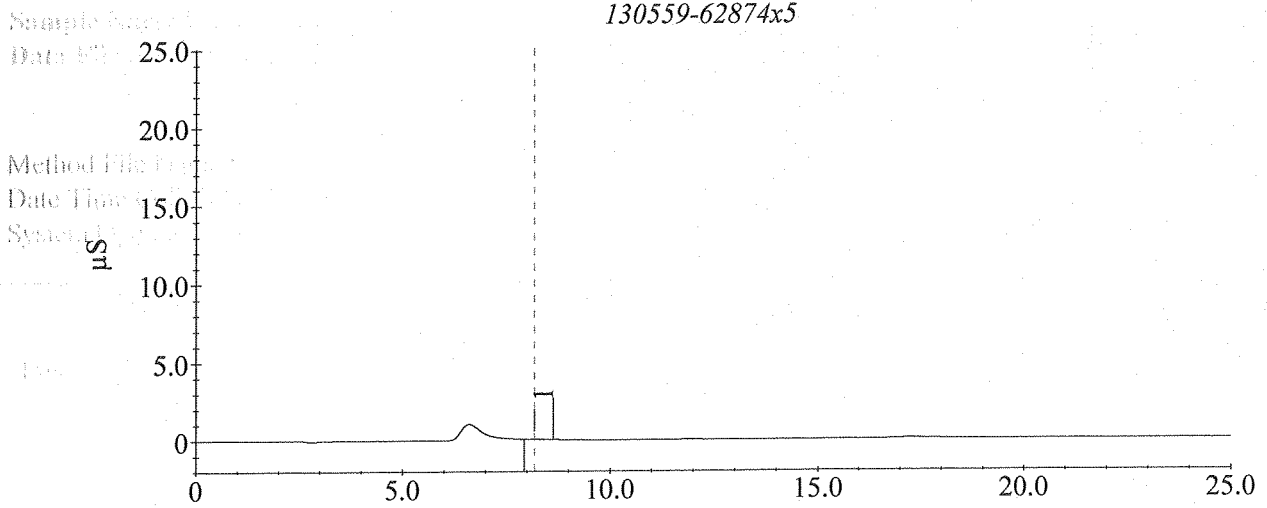
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 5:18:07 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	8.18	0.03	1699	85



EG
05/10/13

Sample Analysis Report

Sample Name : 130559-62883x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_017.DXD

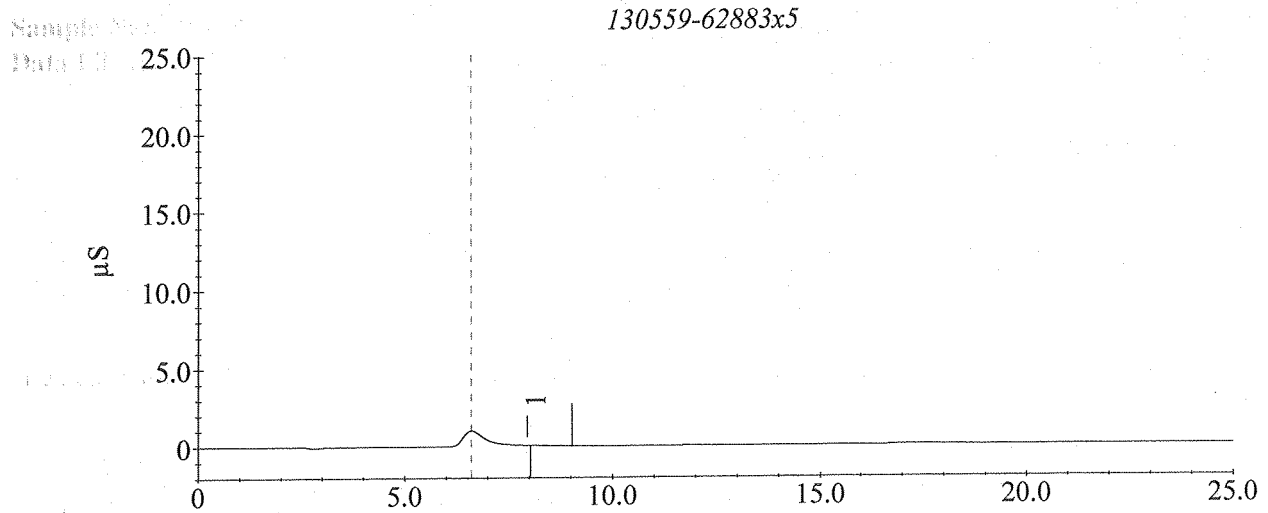
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 5:43:25 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.95	0.03	1652	14



Sample Analysis Report

Sample Name : 130559-62892x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_018.DXD

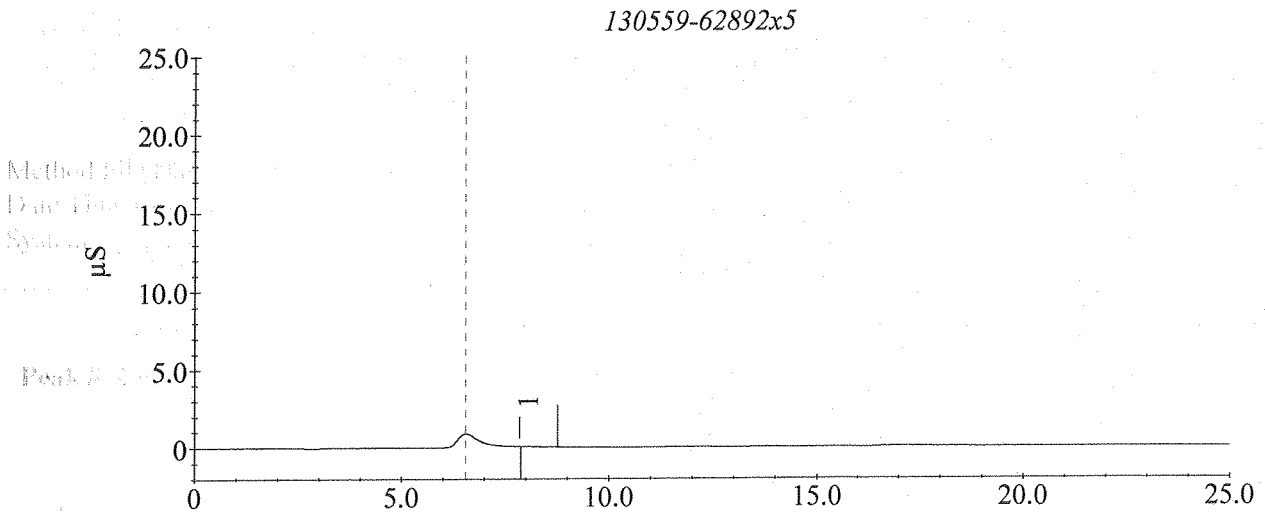
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 6:08:43 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.85	0.05	2541	3



EG
C 5/11/13

Sample Analysis Report

Sample Name : 130559-62901x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_019.DXD

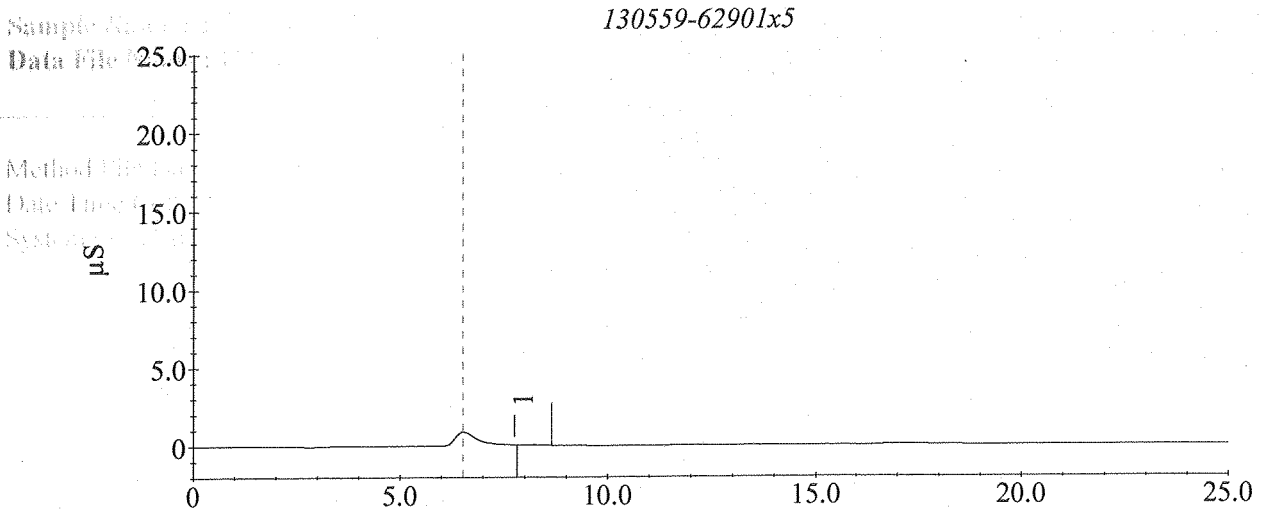
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 6:34:02 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.75	0.04	2102	16



EG
CFA 07

Sample Analysis Report

Sample Name : 130559-62910x5

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_020.DXD

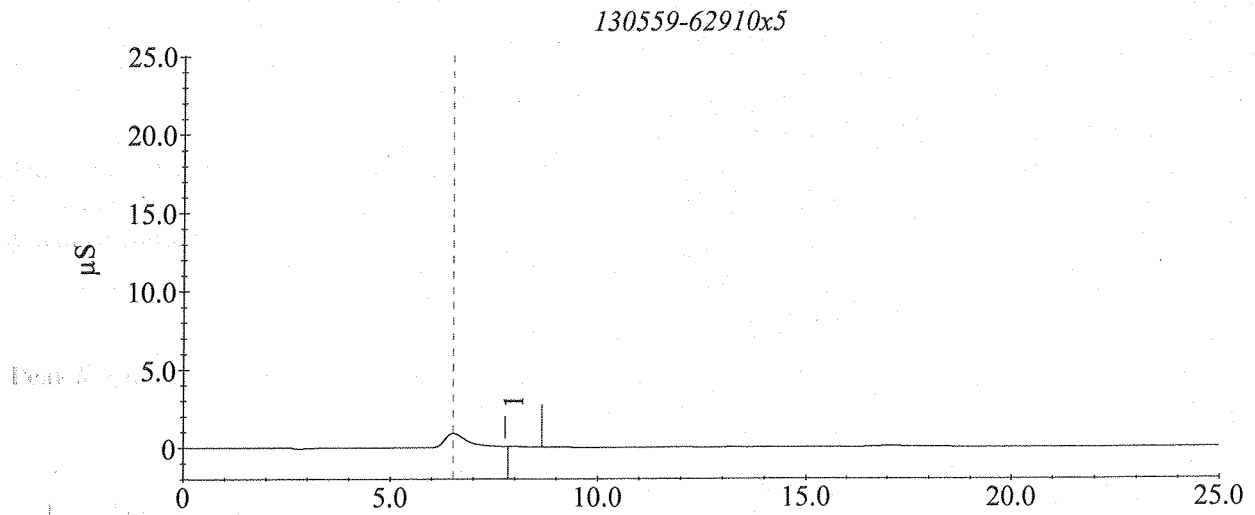
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 6:59:20 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Ammonium	7.77	0.04	2296	21



Sample Analysis Report

Sample Name : DI Water Blank

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_021.DXD

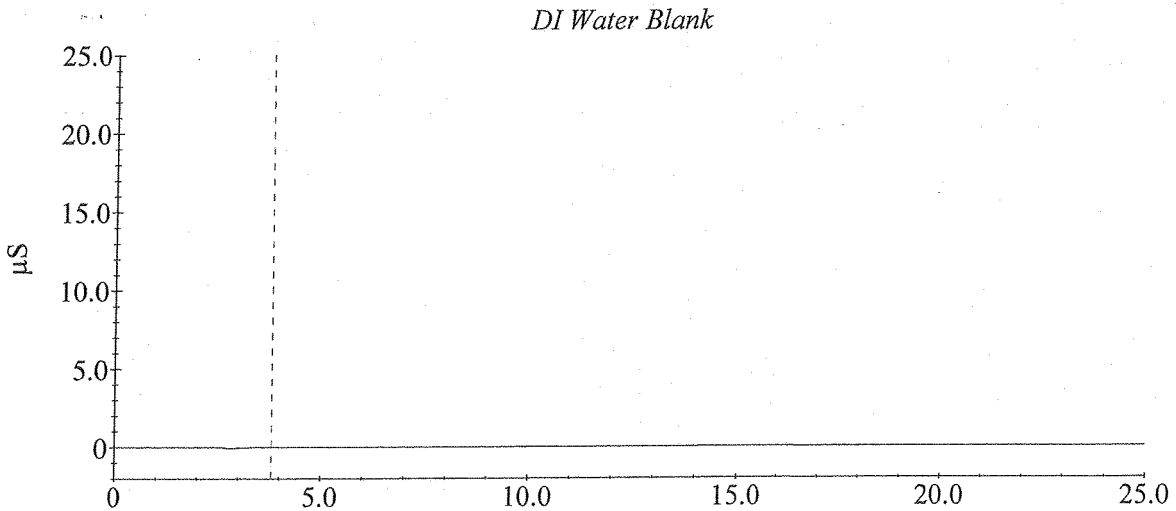
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 7:24:38 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
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EG
05/10/13

Sample Analysis Report

Sample Name : CCV 25ug/mL SS0619x16

Data File Name : C:\PEAKNET\DATA\2013\050913AMMONIA\A_022.DXD

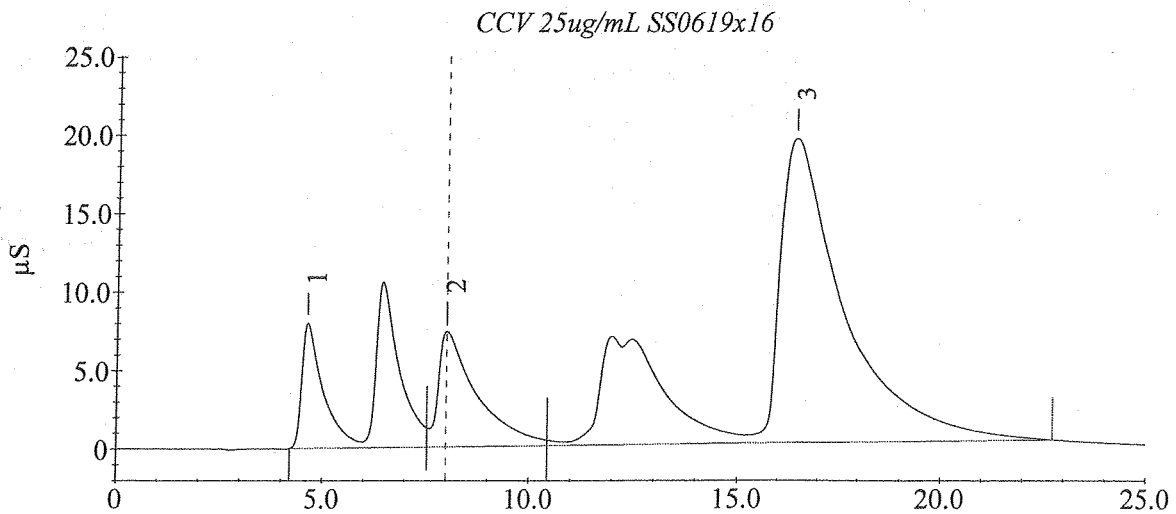
Method File Name : c:\peaknet\method\2013\ammonia 041613-1.met

Date Time Collected : 5/9/2013 7:49:55 PM

System Operator : EG

Peak Information : All Peaks

Peak #	Component Name	Retention Time	Amount (ug/ml)	Peak Area	Peak Height
1	Unknown 1	4.62	0.00	6936095	79577
2	Ammonium	8.00	25.09	4777845	73406
3	Unknown 2	16.42	0.00	28848276	193123



CS
05/10/13

Line	Sample	Method	Data File	Dilution
1	DI Water Blank	ammonia 041613-1.met	2013\050913ammonia\001.dxd	1
2	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\050913ammonia\002.dxd	1
3	SS 25ug/ml SS0646x40	ammonia 041613-1.met	2013\050913ammonia\003.dxd	1
4	Method Blank	ammonia 041613-1.met	2013\050913ammonia\004.dxd	1
5	LCS 12.5ug/ml SS0619x32	ammonia 041613-1.met	2013\050913ammonia\005.dxd	1
6	LCSD 12.5ug/ml SS0619x32	ammonia 041613-1.met	2013\050913ammonia\006.dxd	1
7	MS 12.5 ug/ml (130559-62846x5)	ammonia 041613-1.met	2013\050913ammonia\007.dxd	1
8	MSD 12.5 ug/ml (130559-62846x5)	ammonia 041613-1.met	2013\050913ammonia\008.dxd	1
9	130559-62846x5	ammonia 041613-1.met	2013\050913ammonia\009.dxd	5
10	130559-62846x5 dup	ammonia 041613-1.met	2013\050913ammonia\010.dxd	5
11	130559-62856x5	ammonia 041613-1.met	2013\050913ammonia\011.dxd	5
12	DI Water Blank	ammonia 041613-1.met	2013\050913ammonia\012.dxd	1
13	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\050913ammonia\013.dxd	1
14	130559-62865x5	ammonia 041613-1.met	2013\050913ammonia\014.dxd	5
15	130559-62865x5 dup	ammonia 041613-1.met	2013\050913ammonia\015.dxd	5
16	130559-62874x5	ammonia 041613-1.met	2013\050913ammonia\016.dxd	5
17	130559-62883x5	ammonia 041613-1.met	2013\050913ammonia\017.dxd	5
18	130559-62892x5	ammonia 041613-1.met	2013\050913ammonia\018.dxd	5
19	130559-62901x5	ammonia 041613-1.met	2013\050913ammonia\019.dxd	5
20	130559-62910x5	ammonia 041613-1.met	2013\050913ammonia\020.dxd	5
21	DI Water Blank	ammonia 041613-1.met	2013\050913ammonia\021.dxd	1
22	CCV 25ug/mL SS0619x16	ammonia 041613-1.met	2013\050913ammonia\022.dxd	1
23	End	stopgp40.met	a	1

Default Method Path: C:\PEAKNET\METHOD\2013

Default Data Path: C:\PEAKNET\DATA

Comment:

4 Method Blank

5 LCS 12.5ug/ml

6 LCSD 12.5ug/ml

7 MS 12.5 ug/ml (130559-62846x5)

8 MSD 12.5 ug/ml (130559-62846x5)

9 130559-62846x5

10 130559-62846x5 dup

11 130559-62856x5

12 DI Water Blank

Default Method Path:

Default Data Path:

Comment: