

Daily Analysis Runlog For Sequence/QC Batch ID # LB87597

Review By		Review On				
SubDirectory		LB87597		Test : Ammonia		
STD. NAME		STD REF.#				
ICAL Standard		WP55092				
ICV Standard		WP55094				
CCV Standard		WP55093				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP55079				
Chk Standard		WP55006,WP54309,WP55095,WP55096				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	05/22/17 09:25		OK
2	0.2PPM	0.2PPM	CAL2	05/22/17 09:25		OK
3	0.4PPM	0.4PPM	CAL3	05/22/17 09:25		OK
4	1.0PPM	1.0PPM	CAL4	05/22/17 09:25		OK
5	1.3PPM	1.3PPM	CAL5	05/22/17 09:25		OK
6	2.0PPM	2.0PPM	CAL6	05/22/17 09:25		OK
7	ICV1	ICV1	ICV	05/22/17 09:56		OK
8	ICB1	ICB1	ICB	05/22/17 09:56		OK
9	CCV1	CCV1	CCV	05/22/17 09:56		OK
10	CCB1	CCB1	CCB	05/22/17 09:56		OK
11	PB99152BL	PB99152BL	MB	05/22/17 09:56		OK
12	PB99152BS	PB99152BS	LCS	05/22/17 09:56		OK
13	I3232-01	FK-PS-01-003	SAM	05/22/17 09:56		OK
14	I3232-01DUP	FK-PS-01-003DUP	DUP	05/22/17 09:56		OK
15	I3232-01MS	FK-PS-01-003MS	MS	05/22/17 09:56		OK
16	I3232-01MSD	FK-PS-01-003MSD	MSD	05/22/17 09:56		OK
17	I3236-01	FK-PS-01_003	SAM	05/22/17 09:56		OK
18	I3252-01	NCC-BUCK-CLAY	SAM	05/22/17 09:56		OK
19	I3257-01	NCC-JM-COMPOST	SAM	05/22/17 10:05	High	Dilution
20	I3261-01	NCC-BUCK-3-1	SAM	05/22/17 10:05		OK
21	CCV2	CCV2	CCV	05/22/17 10:05		OK

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 8922

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SubDirectory		Test : Ammonia				
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ICAL Standard	WP55092					
ICV Standard	WP55094					
CCV Standard	WP55093					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	WP55079					
Chk Standard	WP55006,WP54309,WP55095,WP55096					
22	CCB2	CCB2	CCB	05/22/17 10:05		OK
23	I3264-01	NCC-BUCK-FILL	SAM	05/22/17 10:05		OK
24	CCV3	CCV3	CCV	05/22/17 10:05		OK
25	CCB3	CCB3	CCB	05/22/17 10:05		OK
26	I3257-01DL	NCC-JM-COMPOST	SAM	05/22/17 10:36	2X Dilution	Confirms
27	CCV4	CCV4	CCV	05/22/17 10:36		OK
28	CCB4	CCB4	CCB	05/22/17 10:36		OK



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/18/2017 12:00:00 AM
Client Sample ID:	FK-PS-01-003	SDG No.:	LB87597
Lab Sample ID:	I3232-01	Matrix:	Solid
Level (low/med):	low	% Solid:	80

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	32.1		1	2		6	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/18/2017 12:00:00 AM
Client Sample ID:	FK-PS-01_003	SDG No.:	LB87597
Lab Sample ID:	I3236-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	13.1		1	1.9		5.6	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3

Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-BUCK-CLAY	SDG No.:	LB87597
Lab Sample ID:	I3252-01	Matrix:	Solid
Level (low/med):	low	% Solid:	91

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	4.7	J	1	1.8		5.2	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-JM-COMPOST	SDG No.:	LB87597
Lab Sample ID:	I3257-01	Matrix:	Solid
Level (low/med):	low	% Solid:	48.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	318	OR	1	3.4		9.9	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-JM-COMPOSTDL	SDG No.:	LB87597
Lab Sample ID:	I3257-01DL	Matrix:	Solid
Level (low/med):	low	% Solid:	48.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	329	D	2	6.7		19.7	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-BUCK-3-1	SDG No.:	LB87597
Lab Sample ID:	I3261-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	64.6		1	1.8		5.4	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



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Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-BUCK-FILL	SDG No.:	LB87597
Lab Sample ID:	I3264-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	9.7		1	1.9		5.5	mg/Kg	05/21/2017	05/22/2017	SM4500-NH3



Report of Analysis

Client:		Date Collected:	5/18/2017 12:00:00 AM
Project:	LB87597	Date Received:	5/19/2017 12:00:00 AM
Client Sample ID:	NCC-BUCK-FILL	SDG No.:	LB87597
Lab Sample ID:	I3264-01	Matrix:	Solid
Level (low/med):	low	% Solid:	89

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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Color Before:

Clarity Before:

Texture:

Color After:

Clarity After:

Artifacts:

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87597

SDG No.: LB87597

Contract: _____

Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV1	Ammonia as N	0.96	1	96	0	90 - 110		05/22/2017	09:56	LB87597



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87597

SDG No.: LB87597

Contract: _____ Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Ammonia as N	0.97	1	97	0	90 - 110		05/22/2017	09:56	LB87597
CCV2	Ammonia as N	1	1	100	0	90 - 110		05/22/2017	10:05	LB87597
CCV3	Ammonia as N	0.99	1	99	0	90 - 110		05/22/2017	10:05	LB87597
CCV4	Ammonia as N	1	1	100	0	90 - 110		05/22/2017	10:36	LB87597



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87597

SDG No.: LB87597

Contract:

Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.02	+/-0.1	U			0.1	05/22/2017	09:56	LB87597



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87597

SDG No.: LB87597

Contract:

Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.022	+/-0.1	U			0.1	05/22/2017	09:56	LB87597
CCB2	Ammonia as N	0.023	+/-0.1	U			0.1	05/22/2017	10:05	LB87597
CCB3	Ammonia as N	0.019	+/-0.1	U			0.1	05/22/2017	10:05	LB87597
CCB4	Ammonia as N	0.025	+/-0.1	U			0.1	05/22/2017	10:36	LB87597



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87597

SDG No.: LB87597

Contract: Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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- 3b -
PREPARATION BLANK SUMMARY

Client: LB87597

SDG No.: LB87597

Instrument: Konelab 20

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB99152BL		SOLID		Batch Number:		PB99152		Prep Date:	05/21/2017	
	Ammonia as N	0.97	<4.9	U		4.9		05/22/2017	09:56	LB87597



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87597 level: low sdg no.: LB87597
contract: lab code: CHEM case no.: LB87597 sas no.: LB87597
matrix: Solid sample id: I3232-01 client id: FK-PS-01-003MS
Percent Solids for Sample: 80 Spiked ID: I3232-01MS Percent Solids for Spike Sample: 80

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/Kg	75 - 125	83.2		32.1		60.7	84		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87597 level: low sdg no.: LB87597
contract: lab code: CHEM case no.: LB87597 sas no.: LB87597
matrix: Solid sample id: I3232-01 client id: FK-PS-01-003MSD
Percent Solids for Sample: 80 Spiked ID: I3232-01MSD Percent Solids for Spike Sample: 80

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/Kg	75 - 125	84.2		32.1		61.3	85		

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DUPLICATE SAMPLE SUMMARY

Client: LB87597 **Level:** LOW **SDG No.:** LB87597
Contract: **Lab Code:** CHEM **Case No.:** LB87597 **SAS No.:** LB87597
Matrix: Solid **Sample ID:** I3232-01 **Client ID:** FK-PS-01-003DUP
Percent Solids for Sample: 80 **Duplicate ID** I3232-01DUP **Percent Solids for Spike Sample:** 80

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/Kg	20	32.1		32.7		2		

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DUPLICATE SAMPLE SUMMARY

Client: LB87597 **Level:** LOW **SDG No.:** LB87597
Contract: **Lab Code:** CHEM **Case No.:** LB87597 **SAS No.:** LB87597
Matrix: Solid **Sample ID:** I3232-01MS **Client ID:** FK-PS-01-003MSD
Percent Solids for Sample: 80 **Duplicate ID** I3232-01MSD **Percent Solids for Spike Sample:** 80

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/Kg	20	83.2		84.2		1		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87597

SDG No.: LB87597

Contract:

Lab Code: CHEM

Case No.: LB87597

SAS No.: LB87597

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB99152BS Ammonia as N	mg/Kg	48.5	47		96.9	80 - 120	