

Daily Analysis Runlog For Sequence/QC Batch ID # LB87882

Review By		Review On				
SubDirectory		LB87882		Test : Ammonia		

STD. NAME	STD REF.#
ICAL Standard	WP55403
ICV Standard	WP55405
CCV Standard	WP55404
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP55368
Chk Standard	WP54309,WP55006,WP66095,WP55096

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.1PPM	0.1PPM	CAL1	06/06/17 10:41		OK
2	0.2PPM	0.2PPM	CAL2	06/06/17 10:41		OK
3	0.4PPM	0.4PPM	CAL3	06/06/17 10:41		OK
4	1.0PPM	1.0PPM	CAL4	06/06/17 10:41		OK
5	1.3PPM	1.3PPM	CAL5	06/06/17 10:41		OK
6	2.0PPM	2.0PPM	CAL6	06/06/17 10:41		OK
7	ICV1	ICV1	ICV	06/06/17 11:16		OK
8	ICB1	ICB1	ICB	06/06/17 11:16		OK
9	CCV1	CCV1	CCV	06/06/17 11:16		OK
10	CCB1	CCB1	CCB	06/06/17 11:16		OK
11	PB99490BL	PB99490BL	MB	06/06/17 11:16		OK
12	PB99490BS	PB99490BS	LCS	06/06/17 11:16		OK
13	I3462-01	FK-PS-01-005	SAM	06/06/17 11:16		OK
14	I3462-01DUP	FK-PS-01-005DUP	DUP	06/06/17 11:16		OK
15	I3462-01MS	FK-PS-01-005MS	MS	06/06/17 11:16		OK
16	I3462-01MSD	FK-PS-01-005MSD	MSD	06/06/17 11:16		OK
17	CCV2	CCV2	CCV	06/06/17 11:16		OK
18	CCB2	CCB2	CCB	06/06/17 11:16		OK



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87882	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	FK-PS-01-005	SDG No.:	LB87882
Lab Sample ID:	I3462-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Ammonia as N	25		1	1.9		5.6	mg/Kg	06/05/2017	06/06/2017	SM4500-NH3



Report of Analysis

Client:		Date Collected:	6/2/2017 12:00:00 AM
Project:	LB87882	Date Received:	6/2/2017 12:00:00 AM
Client Sample ID:	FK-PS-01-005	SDG No.:	LB87882
Lab Sample ID:	I3462-01	Matrix:	Solid
Level (low/med):	low	% Solid:	86.5

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

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

Sample ID	Analyte	Result	True Value	% Recovery	% RSD	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		mg/L								
ICV1	Ammonia as N	0.94	1	94	0	90 - 110		06/06/2017	11:16	LB87882



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB87882

SDG No.: LB87882

Contract: _____ Lab Code: CHEM

Case No.: LB87882

SAS No.: LB87882

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	0.95	1	95	0	90 - 110		06/06/2017	11:16	LB87882
CCV2	Ammonia as N	0.95	1	95	0	90 - 110		06/06/2017	11:16	LB87882



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87882 **SDG No.:** LB87882
Contract: **Lab Code:** CHEM **Case No.:** LB87882 **SAS No.:** LB87882

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Ammonia as N	0.052	+/-0.1	J		0.1		06/06/2017	11:16	LB87882



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87882

SDG No.: LB87882

Contract:

Lab Code: CHEM

Case No.: LB87882

SAS No.: LB87882

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Ammonia as N	0.052	+/-0.1	J			0.1	06/06/2017	11:16	LB87882
CCB2	Ammonia as N	0.051	+/-0.1	J			0.1	06/06/2017	11:16	LB87882



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB87882

SDG No.: LB87882

Contract: Lab Code: CHEM

Case No.: LB87882

SAS No.: LB87882

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



GENCHEM
- 3b -
PREPARATION BLANK SUMMARY

Client: LB87882

SDG No.: LB87882

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
PB99490BL	Ammonia as N	SOLID 2.5	<4.9	Batch Number: J		PB99490 4.9		Prep Date: 06/06/2017	06/05/2017 11:16	LB87882



GENCHEM
- 5a -
MATRIX SPIKE SUMMARY

client: LB87882 level: low sdg no.: LB87882
contract: lab code: CHEM case no.: LB87882 sas no.: LB87882
matrix: Solid sample id: I3462-01 client id: FK-PS-01-005MS
Percent Solids for Sample: 86.5 Spiked ID: I3462-01MS Percent Solids for Spike Sample: 86.5

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/Kg	75 - 125	72.1		25		56.7	83		



GENCHEM
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB87882 level: low sdg no.: LB87882
contract: lab code: CHEM case no.: LB87882 sas no.: LB87882
matrix: Solid sample id: I3462-01 client id: FK-PS-01-005MSD
Percent Solids for Sample: 86.5 Spiked ID: I3462-01MSD Percent Solids for Spike Sample: 86.5

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Ammonia as N	mg/Kg	75 - 125	72.1		25		56.1	84		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB87882 **Level:** LOW **SDG No.:** LB87882
Contract: **Lab Code:** CHEM **Case No.:** LB87882 **SAS No.:** LB87882
Matrix: Solid **Sample ID:** I3462-01 **Client ID:** FK-PS-01-005DUP
Percent Solids for Sample: 86.5 **Duplicate ID** I3462-01DUP **Percent Solids for Spike Sample:** 86.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/Kg	20	25		24.6		2		

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB87882 **Level:** LOW **SDG No.:** LB87882
Contract: **Lab Code:** CHEM **Case No.:** LB87882 **SAS No.:** LB87882
Matrix: Solid **Sample ID:** I3462-01MS **Client ID:** FK-PS-01-005MSD
Percent Solids for Sample: 86.5 **Duplicate ID** I3462-01MSD **Percent Solids for Spike Sample:** 86.5

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Ammonia as N	mg/Kg	20	72.1		72.1		0		



GENCHEM

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: LB87882

SDG No.: LB87882

Contract:

Lab Code: CHEM

Case No.: LB87882

SAS No.: LB87882

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB99490BS Ammonia as N	mg/Kg	48.5	45.4		93.6	80 - 120	