

Daily Analysis Runlog For Sequence/QC Batch ID # LB89145

Review By

Review On

SubDirectory

LB89145

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP56789,WP56790,WP56791,WP56792,WP56793WP56794,WP56795,WP56796
ICV Standard	wp56799
CCV Standard	WP56798
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP56797,WP55355,WP55836

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	07/31/17 08:54		OK
2	5.0PPBCN	5.0PPBCN	CAL2	07/31/17 08:54		OK
3	10PPBCN	10PPBCN	CAL3	07/31/17 08:54		OK
4	50PPBCN	50PPBCN	CAL4	07/31/17 08:54		OK
5	100PPBCN	100PPBCN	CAL5	07/31/17 08:54		OK
6	250PPBCN	250PPBCN	CAL6	07/31/17 08:54		OK
7	500PPBCN	500PPBCN	CAL7	07/31/17 08:54		OK
8	ICV1	ICV1	ICV	07/31/17 10:12		OK
9	ICB1	ICB1	ICB	07/31/17 10:12		OK
10	CCV1	CCV1	CCV	07/31/17 10:12		OK
11	CCB1	CCB1	CCB	07/31/17 10:12		OK
12	PB101048BL	PB101048BL	MB	07/31/17 10:12		OK
13	I4488-03	CL-02-072717-A	SAM	07/31/17 10:12		OK
14	I4488-03DUP	CL-02-072717-ADUP	DUP	07/31/17 10:12		OK
15	I4488-06	CL-02-072717-B	SAM	07/31/17 10:12		OK
16	I4488-09	CL-02-072717-C	SAM	07/31/17 10:12		OK
17	I4488-12	CL-02-072717-D	SAM	07/31/17 10:12		OK
18	I4488-15	CL-02-072717-E	SAM	07/31/17 10:12		OK
19	I4497-04	TP-3-4	SAM	07/31/17 10:17		OK
20	I4497-08	TP-1	SAM	07/31/17 10:17		OK
21	I4497-12	TP-6	SAM	07/31/17 10:17		OK



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QCBatch ID # LB89145

Review By		Review On				
SubDirectory		LB89145				
Test :		Reactive Cyanide				
STD. NAME		STD REF.#				
ICAL Standard		WP56789,WP56790,WP56791,WP56792,WP56793WP56794,WP56795,WP56796				
ICV Standard		wp56799				
CCV Standard		WP56798				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP56797,WP55355,WP55836				
22	CCV2	CCV2	CCV	07/31/17 10:17		OK
23	CCB2	CCB2	CCB	07/31/17 10:17		OK



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	CL-02-072717-A	SDG No.:	LB89145
Lab Sample ID:	I4488-03	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0012	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	CL-02-072717-B	SDG No.:	LB89145
Lab Sample ID:	I4488-06	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00096	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	CL-02-072717-C	SDG No.:	LB89145
Lab Sample ID:	I4488-09	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00035	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	CL-02-072717-D	SDG No.:	LB89145
Lab Sample ID:	I4488-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.00068	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	CL-02-072717-E	SDG No.:	LB89145
Lab Sample ID:	I4488-15	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0021	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	TP-3-4	SDG No.:	LB89145
Lab Sample ID:	I4497-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	-0.0003	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	LB89145
Lab Sample ID:	I4497-08	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.0016	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



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

Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	LB89145
Lab Sample ID:	I4497-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Reactive Cyanide	0.001	U	1	0.025		0.05	mg/Kg	07/28/2017	07/31/2017	9012B



Report of Analysis

Client:		Date Collected:	7/27/2017 12:00:00 AM
Project:	LB89145	Date Received:	7/27/2017 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	LB89145
Lab Sample ID:	I4497-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89145

SDG No.: LB89145

Contract: _____ Lab Code: CHEM

Case No.: LB89145

SAS No.: LB89145

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	Reactive Cyanide	0.24	0.25	96	0	90 - 110		07/31/2017	10:12	LB89145
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		07/31/2017	10:17	LB89145



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89145

SDG No.: LB89145

Contract:

Lab Code: CHEM

Case No.: LB89145

SAS No.: LB89145

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00065	+/-0.005	U		0.005		07/31/2017	10:12	LB89145



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89145

SDG No.: LB89145

Contract:

Lab Code: CHEM

Case No.: LB89145

SAS No.: LB89145

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00037	+/-0.005	U		0.005		07/31/2017	10:12	LB89145
CCB2	Reactive Cyanide	0.00036	+/-0.005	U		0.005		07/31/2017	10:17	LB89145



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89145

SDG No.: LB89145

Contract:

Lab Code: CHEM

Case No.: LB89145

SAS No.: LB89145

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: LB89145

SDG No.: LB89145

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
PB101048BL	Reactive Cyanide	SOLID 0.0023	<0.05	Batch Number: U		PB101048 0.05		Prep Date: 07/31/2017	07/28/2017 10:12	LB89145

GENCHEM

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LB89145 **Level:** LOW **SDG No.:** LB89145
Contract: **Lab Code:** CHEM **Case No.:** LB89145 **SAS No.:** LB89145
Matrix: Solid **Sample ID:** I4488-03 **Client ID:** CL-02-072717-ADUP
Percent Solids for Sample: 100 **Duplicate ID** I4488-03DUP **Percent Solids for Spike Sample:** 100

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Reactive Cyanide	mg/Kg	20	0.025	U	0.00045	U			