

Daily Analysis Runlog For Sequence/QC Batch ID # LB89527

Review By		Review On				
SubDirectory		LB89527		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP5727				
ICV Standard		wp57286				
CCV Standard		WP57285				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP57284,WP55355,WP55836				
Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	08/16/17 08:49		OK
2	5.0PPBCN	5.0PPBCN	CAL2	08/16/17 08:49		OK
3	10PPBCN	10PPBCN	CAL3	08/16/17 08:49		OK
4	50PPBCN	50PPBCN	CAL4	08/16/17 08:49		OK
5	100PPBCN	100PPBCN	CAL5	08/16/17 08:49		OK
6	250PPBCN	250PPBCN	CAL6	08/16/17 08:49		OK
7	500PPBCN	500PPBCN	CAL7	08/16/17 08:49		OK
8	ICV1	ICV1	ICV	08/16/17 12:44		OK
9	ICB1	ICB1	ICB	08/16/17 12:44		OK
10	CCV1	CCV1	CCV	08/16/17 12:45		OK
11	CCB1	CCB1	CCB	08/16/17 12:45		OK
12	PB101583BL	PB101583BL	MB	08/16/17 12:45		OK
13	I4799-03	AU-05-081417-A	SAM	08/16/17 12:45		OK
14	I4799-03DUP	AU-05-081417-ADUP	DUP	08/16/17 12:51		OK
15	I4815-06	TR-05-081517-B	SAM	08/16/17 12:51		OK
16	I4817-03	SU-03-081517	SAM	08/16/17 12:51		OK
17	I4825-02	TP-A-B-COMP	SAM	08/16/17 12:51		OK
18	I4799-06	AU-05-081417-B	SAM	08/16/17 13:12		OK
19	I4814-02	WHITE-TWP-COMP	SAM	08/16/17 13:12		OK
20	I4815-03	TR-05-081517-A	SAM	08/16/17 13:12		OK
21	CCV2	CCV2	CCV	08/16/17 13:28		OK



Instrument ID : KONELAB

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

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Review By		Review On				
SubDirectory		Test : Reactive Cyanide				
LB89527						
STD. NAME	STD REF.#					
ICAL Standard	WP5727					
ICV Standard	wp57286					
CCV Standard	WP57285					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP57284,WP55355,WP55836					
22	CCB2	CCB2	CCB	08/16/17 13:28		OK



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Report of Analysis

Client:		Date Collected:	8/14/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	AU-05-081417-A	SDG No.:	LB89527
Lab Sample ID:	I4799-03	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	0.0061	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/14/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	AU-05-081417-B	SDG No.:	LB89527
Lab Sample ID:	I4799-06	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	0.0028	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/14/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	WHITE-TWP-COMPOST	SDG No.:	LB89527
Lab Sample ID:	I4814-02	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	0.0025	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/15/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	TR-05-081517-A	SDG No.:	LB89527
Lab Sample ID:	I4815-03	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	0.0036	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/15/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	TR-05-081517-B	SDG No.:	LB89527
Lab Sample ID:	I4815-06	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	0.0062	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/15/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	SU-03-081517	SDG No.:	LB89527
Lab Sample ID:	I4817-03	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	0.0042	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



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Report of Analysis

Client:		Date Collected:	8/15/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	TP-A-B-COMP	SDG No.:	LB89527
Lab Sample ID:	I4825-02	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	0.0037	U	1	0.025		0.05	mg/Kg	08/16/2017	08/16/2017	9012B



Report of Analysis

Client:		Date Collected:	8/15/2017 12:00:00 AM
Project:	LB89527	Date Received:	8/15/2017 12:00:00 AM
Client Sample ID:	TP-A-B-COMP	SDG No.:	LB89527
Lab Sample ID:	I4825-02	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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: LB89527

SDG No.: LB89527

Contract: _____ Lab Code: CHEM

Case No.: LB89527

SAS No.: LB89527

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	Reactive Cyanide	0.098	0.099	99	0	85 - 115		08/16/2017	12:44	LB89527



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB89527

SDG No.: LB89527

Contract: _____ Lab Code: CHEM

Case No.: LB89527

SAS No.: LB89527

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		08/16/2017	12:45	LB89527
CCV2	Reactive Cyanide	0.26	0.25	104	0	90 - 110		08/16/2017	13:28	LB89527



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89527

SDG No.: LB89527

Contract:

Lab Code: CHEM

Case No.: LB89527

SAS No.: LB89527

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.001	+/-0.005	U		0.005		08/16/2017	12:44	LB89527



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89527

SDG No.: LB89527

Contract:

Lab Code: CHEM

Case No.: LB89527

SAS No.: LB89527

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.0011	+/-0.005	U		0.005		08/16/2017	12:45	LB89527
CCB2	Reactive Cyanide	0.00048	+/-0.005	U		0.005		08/16/2017	13:28	LB89527



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB89527

SDG No.: LB89527

Contract: Lab Code: CHEM

Case No.: LB89527

SAS No.: LB89527

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

Client: LB89527

SDG No.: LB89527

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
PB101583BL	Reactive Cyanide	SOLID 0.0092	<0.05	Batch Number: U		PB101583 0.05		Prep Date: 08/16/2017	08/16/2017 12:45	LB89527

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB89527 **Level:** LOW **SDG No.:** LB89527
Contract: **Lab Code:** CHEM **Case No.:** LB89527 **SAS No.:** LB89527
Matrix: Solid **Sample ID:** I4799-03 **Client ID:** AU-05-081417-ADUP
Percent Solids for Sample: 100 **Duplicate ID** I4799-03DUP **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	0.0094	U			