



Instrument ID : KONELAB

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

Daily Analysis Runlog For Sequence/QC Batch ID # LB92401

Review By		Review On				
SubDirectory		Test :				
LB92401		Reactive Cyanide				
STD. NAME		STD REF.#				
ICAL Standard		WP60594,WP60595,WP60596,WP60597,WP60598,WP60599,WP60600				
ICV Standard		WP60602				
CCV Standard		WP60601				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP60603,WP59958,WP60150				

Sr#	SampleId	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/27/17 10:53		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/27/17 10:53		OK
3	10PPBCN	10PPBCN	CAL3	12/27/17 10:53		OK
4	50PPBCN	50PPBCN	CAL4	12/27/17 10:53		OK
5	100PPBCN	100PPBCN	CAL5	12/27/17 10:53		OK
6	250PPBCN	250PPBCN	CAL6	12/27/17 10:53		OK
7	500PPBCN	500PPBCN	CAL7	12/27/17 10:53		OK
8	ICV1	ICV1	ICV	12/27/17 12:53		OK
9	ICB1	ICB1	ICB	12/27/17 12:53		OK
10	CCV1	CCV1	CCV	12/27/17 12:54		OK
11	CCB1	CCB1	CCB	12/27/17 12:54		OK
12	PB105365BL	PB105365BL	MB	12/27/17 12:54		OK
13	I6685-06	AU-05-122617-A	SAM	12/27/17 12:54		OK
14	I6685-06DUP	AU-05-122617-ADUP	DUP	12/27/17 12:54		OK
15	I6685-08	AU-05-122617-B	SAM	12/27/17 13:00		OK
16	I6685-10	AU-05-122617-C	SAM	12/27/17 13:00		OK
17	I6685-12	AU-05-122617-D	SAM	12/27/17 13:00		OK
18	I7077-05	SB-07-COMP	SAM	12/27/17 13:00		OK
19	I7077-06	SB-21-COMP	SAM	12/27/17 13:00		OK
20	I7078-04	PB-05(0-8)	SAM	12/27/17 13:00		OK
21	CCV2	CCV2	CCV	12/27/17 13:00		OK



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SubDirectory		Test : Reactive Cyanide				
LB92401						
STD. NAME	STD REF.#					
ICAL Standard	WP60594,WP60595,WP60596,WP60597,WP60598,WP60599,WP60600					
ICV Standard	WP60602					
CCV Standard	WP60601					
ICSA Standard	N/A					
CRI Standard	N/A					
LCS Standard	N/A					
Chk Standard	WP60603,WP59958,WP60150					
22	CCB2	CCB2	CCB	12/27/17 13:00		OK



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	AU-05-122617-A	SDG No.:	LB92401
Lab Sample ID:	I6685-06	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	0.0021	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	AU-05-122617-B	SDG No.:	LB92401
Lab Sample ID:	I6685-08	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	0.0013	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	AU-05-122617-C	SDG No.:	LB92401
Lab Sample ID:	I6685-10	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	0.00085	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	AU-05-122617-D	SDG No.:	LB92401
Lab Sample ID:	I6685-12	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	0.00045	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/22/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	SB-07-COMP	SDG No.:	LB92401
Lab Sample ID:	I7077-05	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	0.0011	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/22/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	SB-21-COMP	SDG No.:	LB92401
Lab Sample ID:	I7077-06	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	0.0018	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	PB-05(0-8)	SDG No.:	LB92401
Lab Sample ID:	I7078-04	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	0.0025	U	1	0.025		0.05	mg/Kg	12/27/2017	12/27/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/26/2017 12:00:00 AM
Project:	LB92401	Date Received:	12/26/2017 12:00:00 AM
Client Sample ID:	PB-05(0-8)	SDG No.:	LB92401
Lab Sample ID:	I7078-04	Matrix:	Solid
Level (low/med):	low	% Solid:	100

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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92401

SDG No.: LB92401

Contract: _____ Lab Code: CHEM

Case No.: LB92401

SAS No.: LB92401

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		12/27/2017	12:54	lb92401
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		12/27/2017	13:00	lb92401



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92401

SDG No.: LB92401

Contract:

Lab Code: CHEM

Case No.: LB92401

SAS No.: LB92401

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00076	+/-0.005	U		0.005		12/27/2017	12:53	lb92401



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: <u>LB92401</u>		SDG No.: <u>LB92401</u>								
Contract: _____	Lab Code: <u>CHEM</u>	Case No.: <u>LB92401</u>			SAS No.: <u>LB92401</u>					
Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00087	+/-0.005	U		0.005		12/27/2017	12:54	lb92401
CCB2	Reactive Cyanide	0.00072	+/-0.005	U		0.005		12/27/2017	13:00	lb92401



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92401

SDG No.: LB92401

Contract: Lab Code: CHEM

Case No.: LB92401

SAS No.: LB92401

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: LB92401

SDG No.: LB92401

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
PB105365BL		SOLID		Batch Number:		PB105365		Prep Date:	12/27/2017	
	Reactive Cyanide	0.0061	<0.05	U		0.05		12/27/2017	12:54	lb92401

GENCHEM

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DUPLICATE SAMPLE SUMMARY

Client: LB92401 **Level:** LOW **SDG No.:** LB92401
Contract: **Lab Code:** CHEM **Case No.:** LB92401 **SAS No.:** LB92401
Matrix: Solid **Sample ID:** I6685-06 **Client ID:** AU-05-122617-ADUP
Percent Solids for Sample: 100 **Duplicate ID** I6685-06DUP **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	0.0022	U			