

Daily Analysis Runlog For Sequence/QC Batch ID # LB94989

Review By		Review On				
SubDirectory		LB94989		Test : Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP64083,WP64084,WP64085,WP64086,WP64087,WP64088,WP64089				
ICV Standard		W1542				
CCV Standard		WP64090				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		WP62802				
Chk Standard		WP64092,WP59958,WP60878				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	04/30/18 11:04		OK
2	5.0PPBCN	5.0PPBCN	CAL2	04/30/18 11:04		OK
3	10PPBCN	10PPBCN	CAL3	04/30/18 11:04		OK
4	50PPBCN	50PPBCN	CAL4	04/30/18 11:04		OK
5	100PPBCN	100PPBCN	CAL5	04/30/18 11:04		OK
6	250PPBCN	250PPBCN	CAL6	04/30/18 11:04		OK
7	500PPBCN	500PPBCN	CAL7	04/30/18 11:04		OK
8	ICV1	ICV1	ICV	04/30/18 14:35		OK
9	ICB1	ICB1	ICB	04/30/18 14:35		OK
10	CCV1	CCV1	CCV	04/30/18 14:35		OK
11	CCB1	CCB1	CCB	04/30/18 14:35		OK
12	PB108728BL	PB108728BL	MB	04/30/18 14:35		OK
13	PB108728BS	PB108728BS	LCS	04/30/18 14:35		OK
14	J2615-02	PLANTER-AREAS-P	SAM	04/30/18 14:35		OK
15	J2615-02DUP	PLANTER-AREAS-P	DUP	04/30/18 14:35		OK
16	J2615-02MS	PLANTER-AREAS-P	MS	04/30/18 14:35		OK
17	J2615-02MSD	PLANTER-AREAS-P	MSD	04/30/18 14:35		OK
18	CCV2	CCV2	CCV	04/30/18 14:35		OK
19	CCB2	CCB2	CCB	04/30/18 14:38		OK



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

Report of Analysis

Client:		Date Collected:	4/26/2018 12:00:00 AM
Project:	LB94989	Date Received:	4/27/2018 12:00:00 AM
Client Sample ID:	PLANTER-AREAS-PRECHAR	SDG No.:	LB94989
Lab Sample ID:	J2615-02	Matrix:	Solid
Level (low/med):	low	% Solid:	83.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
	Cyanide	-0.0059	U	1	0.039		0.29	mg/Kg	04/30/2018	04/30/2018	9014



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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



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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB94989

SDG No.: LB94989

Contract: _____ Lab Code: CHEM

Case No.: LB94989

SAS No.: LB94989

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result mg/L	True Value	% Recovery	Qual	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV1	Cyanide	0.24	0.25	96		90 - 110		04/30/2018	14:35	lb94989
CCV2	Cyanide	0.25	0.25	100		90 - 110		04/30/2018	14:35	lb94989



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94989

SDG No.: LB94989

Contract:

Lab Code: CHEM

Case No.: LB94989

SAS No.: LB94989

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Cyanide	0.00029	+/-0.005	U		0.005		04/30/2018	14:35	1b94989



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94989

SDG No.: LB94989

Contract:

Lab Code: CHEM

Case No.: LB94989

SAS No.: LB94989

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Cyanide	0.00071	+/-0.005	U		0.005		04/30/2018	14:35	1b94989
CCB2	Cyanide	-0.00037	+/-0.005	U		0.005		04/30/2018	14:38	1b94989



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- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB94989

SDG No.: LB94989

Contract: Lab Code: CHEM

Case No.: LB94989

SAS No.: LB94989

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

Client: LB94989

SDG No.: LB94989

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
PB108728BL		SOLID		Batch Number:		PB108728		Prep Date:	04/30/2018	
	Cyanide	0.0019	<0.25	U		0.25		04/30/2018	14:35	lb94989



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- 5a -
MATRIX SPIKE SUMMARY

client: LB94989 level: low sdg no.: LB94989
contract: lab code: CHEM case no.: LB94989 sas no.: LB94989
matrix: Solid sample id: J2615-02 client id: PLANTER-AREAS-PRECHARMS
Percent Solids for Sample: 83.2 Spiked ID: J2615-02MS Percent Solids for Spike Sample: 83.2

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.4		0.039	U	2.4	58.3	*	



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- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LB94989 level: low sdg no.: LB94989
contract: lab code: CHEM case no.: LB94989 sas no.: LB94989
matrix: Solid sample id: J2615-02 client id: PLANTER-AREAS-PRECHARMSD
Percent Solids for Sample: 83.2 Spiked ID: J2615-02MSD Percent Solids for Spike Sample: 83.2

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Cyanide	mg/Kg	75 - 125	1.4		0.039	U	2.3	60.9	*	

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DUPLICATE SAMPLE SUMMARY

Client: LB94989 **Level:** LOW **SDG No.:** LB94989
Contract: **Lab Code:** CHEM **Case No.:** LB94989 **SAS No.:** LB94989
Matrix: Solid **Sample ID:** J2615-02 **Client ID:** PLANTER-AREAS-PRECHARDUP
Percent Solids for Sample: 83.2 **Duplicate ID** J2615-02DUP **Percent Solids for Spike Sample:** 83.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	0.039	U	-0.004	U			

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DUPLICATE SAMPLE SUMMARY

Client: LB94989 **Level:** LOW **SDG No.:** LB94989
Contract: **Lab Code:** CHEM **Case No.:** LB94989 **SAS No.:** LB94989
Matrix: Solid **Sample ID:** J2615-02MS **Client ID:** PLANTER-AREAS-PRECHARMSD
Percent Solids for Sample: 83.2 **Duplicate ID** J2615-02MSD **Percent Solids for Spike Sample:** 83.2

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Cyanide	mg/Kg	20	1.4		1.4		0		



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LABORATORY CONTROL SAMPLE SUMMARY

Client: LB94989

SDG No.: LB94989

Contract:

Lab Code: CHEM

Case No.: LB94989

SAS No.: LB94989

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB108728BS Cyanide	mg/Kg	4.9	4.7		95.9	85 - 115	