

Daily Analysis Runlog For Sequence/QC Batch ID # LB92005

Review By

Review On

SubDirectory

LB92005

Test :

Reactive Cyanide

STD. NAME	STD REF.#
ICAL Standard	WP60172,WP60173,WP60174,WP60175,WP60176,WP60177,WP60178
ICV Standard	WP60180
CCV Standard	WP60179
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP60181,WP59958,WP60150

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	12/07/17 08:38		OK
2	5.0PPBCN	5.0PPBCN	CAL2	12/07/17 08:38		OK
3	10PPBCN	10PPBCN	CAL3	12/07/17 08:38		OK
4	50PPBCN	50PPBCN	CAL4	12/07/17 08:38		OK
5	100PPBCN	100PPBCN	CAL5	12/07/17 08:38		OK
6	250PPBCN	250PPBCN	CAL6	12/07/17 08:38		OK
7	500PPBCN	500PPBCN	CAL7	12/07/17 08:38		OK
8	ICV1	ICV1	ICV	12/07/17 12:27		OK
9	ICB1	ICB1	ICB	12/07/17 12:27		OK
10	CCV1	CCV1	CCV	12/07/17 12:27		OK
11	CCB1	CCB1	CCB	12/07/17 12:27		OK
12	PB104808BL	PB104808BL	MB	12/07/17 12:27		OK
13	I6676-04	OK-03-120617	SAM	12/07/17 12:27		OK
14	I6676-04DUP	OK-03-120617DUP	DUP	12/07/17 12:27		OK
15	I6680-02	CL-01-120617-A	SAM	12/07/17 12:34		OK
16	I6680-04	CL-01-120617-B	SAM	12/07/17 12:34		OK
17	I6680-06	CL-01-120617-C	SAM	12/07/17 12:34		OK
18	I6680-08	CL-01-120617-D	SAM	12/07/17 12:34		OK
19	I6680-10	CL-01-120617-E	SAM	12/07/17 12:35		OK
20	I6684-02	BU-01-120617	SAM	12/07/17 12:35		OK
21	I6686-02	TR-05-120617	SAM	12/07/17 12:35		OK

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SubDirectory		Test : Reactive Cyanide				
LB92005						
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ICAL Standard		WP60172,WP60173,WP60174,WP60175,WP60176,WP60177,WP60178				
ICV Standard		WP60180				
CCV Standard		WP60179				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP60181,WP59958,WP60150				
22	CCV2	CCV2	CCV	12/07/17 12:35		OK
23	CCB2	CCB2	CCB	12/07/17 12:35		OK
24	I6733-12	OILY-SPEEDY-DRY	SAM	12/07/17 12:35		OK
25	CCV3	CCV3	CCV	12/07/17 12:35		OK
26	CCB3	CCB3	CCB	12/07/17 12:37		OK



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	OK-03-120617	SDG No.:	LB92005
Lab Sample ID:	I6676-04	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	-0.0043	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B

Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	CL-01-120617-A	SDG No.:	LB92005
Lab Sample ID:	I6680-02	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	-0.0043	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	CL-01-120617-B	SDG No.:	LB92005
Lab Sample ID:	I6680-04	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	-0.004	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	CL-01-120617-C	SDG No.:	LB92005
Lab Sample ID:	I6680-06	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	-0.0053	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	CL-01-120617-D	SDG No.:	LB92005
Lab Sample ID:	I6680-08	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	-0.0043	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	CL-01-120617-E	SDG No.:	LB92005
Lab Sample ID:	I6680-10	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	-0.0038	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	BU-01-120617	SDG No.:	LB92005
Lab Sample ID:	I6684-02	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	-0.0042	U	1	0.025		0.049	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/6/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/6/2017 12:00:00 AM
Client Sample ID:	TR-05-120617	SDG No.:	LB92005
Lab Sample ID:	I6686-02	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	-0.0014	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/4/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/4/2017 12:00:00 AM
Client Sample ID:	OILY-SPEEDY-DRY	SDG No.:	LB92005
Lab Sample ID:	I6733-12	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	-0.0018	U	1	0.025		0.05	mg/Kg	12/07/2017	12/07/2017	9012B



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Report of Analysis

Client:		Date Collected:	12/4/2017 12:00:00 AM
Project:	LB92005	Date Received:	12/4/2017 12:00:00 AM
Client Sample ID:	OILY-SPEEDY-DRY	SDG No.:	LB92005
Lab Sample ID:	I6733-12	Matrix:	Solid
Level (low/med):	low	% Solid:	100

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
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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: LB92005

SDG No.: LB92005

Contract: _____

Lab Code: CHEM

Case No.: LB92005

SAS No.: LB92005

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		12/07/2017	12:27	lb92005



GENCHEM

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LB92005

SDG No.: LB92005

Contract: _____ Lab Code: CHEM

Case No.: LB92005

SAS No.: LB92005

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	0.25	0.25	100	0	90 - 110		12/07/2017	12:27	lb92005
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		12/07/2017	12:35	lb92005
CCV3	Reactive Cyanide	0.24	0.25	96	0	90 - 110		12/07/2017	12:35	lb92005



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92005

SDG No.: LB92005

Contract:

Lab Code: CHEM

Case No.: LB92005

SAS No.: LB92005

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	-0.00012	+/-0.005	U		0.005		12/07/2017	12:27	lb92005

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	-0	+/-0.005	U		0.005		12/07/2017	12:27	1b92005
CCB2	Reactive Cyanide	0	+/-0.005	U		0.005		12/07/2017	12:35	1b92005
CCB3	Reactive Cyanide	-0.00065	+/-0.005	U		0.005		12/07/2017	12:37	1b92005



GENCHEM

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB92005

SDG No.: LB92005

Contract: Lab Code: CHEM

Case No.: LB92005

SAS No.: LB92005

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: LB92005

SDG No.: LB92005

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
PB104808BL		SOLID		Batch Number:		PB104808		Prep Date:	12/07/2017	
	Reactive Cyanide	-0.0037	<0.05	U		0.05		12/07/2017	12:27	lb92005

GENCHEM**- 6 -****DUPLICATE SAMPLE SUMMARY**

Client: LB92005 **Level:** LOW **SDG No.:** LB92005
Contract: **Lab Code:** CHEM **Case No.:** LB92005 **SAS No.:** LB92005
Matrix: Solid **Sample ID:** I6676-04 **Client ID:** OK-03-120617DUP
Percent Solids for Sample: 100 **Duplicate ID** I6676-04DUP **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	-0.0045	U			