



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

Report of Analysis

Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	PAINT-CHIPS-DRUMS-COMP	SDG No.:	LB90496
Lab Sample ID:	I5546-03	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	0.0039	U	1	0.025		0.05	mg/Kg	10/02/2017	10/02/2017	9012B



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Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	CL-02-092917	SDG No.:	LB90496
Lab Sample ID:	I5547-03	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	10/02/2017	10/02/2017	9012B



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Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	JC-03-092917-A	SDG No.:	LB90496
Lab Sample ID:	I5551-03	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	0.00068	U	1	0.025		0.05	mg/Kg	10/02/2017	10/02/2017	9012B



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Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	JC-03-092917-B	SDG No.:	LB90496
Lab Sample ID:	I5551-06	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	0.0013	U	1	0.025		0.05	mg/Kg	10/02/2017	10/02/2017	9012B



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Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	JC-03-092917-C	SDG No.:	LB90496
Lab Sample ID:	I5551-09	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	-0.0016	U	1	0.025		0.05	mg/Kg	10/02/2017	10/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	TP-1-COMP	SDG No.:	LB90496
Lab Sample ID:	I5584-04	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	-0.0001	U	1	0.025		0.05	mg/Kg	10/02/2017	10/02/2017	9012B



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Report of Analysis

Client:		Date Collected:	9/29/2017 12:00:00 AM
Project:	LB90496	Date Received:	9/29/2017 12:00:00 AM
Client Sample ID:	TP-1-COMP	SDG No.:	LB90496
Lab Sample ID:	I5584-04	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: LB90496

SDG No.: LB90496

Contract: _____ Lab Code: CHEM

Case No.: LB90496

SAS No.: LB90496

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		10/02/2017	15:35	LB90496
CCV2	Reactive Cyanide	0.25	0.25	100	0	90 - 110		10/02/2017	15:41	LB90496



GENCHEM

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90496

SDG No.: LB90496

Contract:

Lab Code: CHEM

Case No.: LB90496

SAS No.: LB90496

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB1	Reactive Cyanide	0.00078	+/-0.005	U		0.005		10/02/2017	15:35	LB90496



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90496

SDG No.: LB90496

Contract:

Lab Code: CHEM

Case No.: LB90496

SAS No.: LB90496

Sample ID	Analyte	Result mg/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB1	Reactive Cyanide	0.00075	+/-0.005	U		0.005		10/02/2017	15:35	LB90496
CCB2	Reactive Cyanide	0.00091	+/-0.005	U		0.005		10/02/2017	15:41	LB90496



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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LB90496

SDG No.: LB90496

Contract: Lab Code: CHEM

Case No.: LB90496

SAS No.: LB90496

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

Client: LB90496

SDG No.: LB90496

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
PB102816BL	Reactive Cyanide	SOLID 0.0051	<0.05	Batch Number: U		PB102816 0.05		Prep Date: 10/02/2017	10/02/2017 15:35	LB90496

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DUPLICATE SAMPLE SUMMARY

Client: LB90496 **Level:** LOW **SDG No.:** LB90496
Contract: **Lab Code:** CHEM **Case No.:** LB90496 **SAS No.:** LB90496
Matrix: Solid **Sample ID:** I5546-03 **Client ID:** PAINT-CHIPS-DRUMS-COMPDUP
Percent Solids for Sample: 100 **Duplicate ID** I5546-03DUP **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	-0.002	U			

Daily Analysis Runlog For Sequence/QC Batch ID # LB90496

Review By		Review On				
SubDirectory		LB90496		Test : Reactive Cyanide		
STD. NAME		STD REF.#				
ICAL Standard		WP58455,WP58456,WP58457,WP58458,WP58459,WP58460,WP58453				
ICV Standard		wp58462				
CCV Standard		WP58461				
ICSA Standard		N/A				
CRI Standard		N/A				
LCS Standard		N/A				
Chk Standard		WP58463,WP55355,WP55836				

Sr#	SampleID	ClientID	QcType	Date	Comment	Status
1	0.0PPBCN	0.0PPBCN	CAL1	10/02/17 13:32		
2	5.0PPBCN	5.0PPBCN	CAL2	10/02/17 13:32		
3	10PPBCN	10PPBCN	CAL3	10/02/17 13:32		
4	50PPBCN	50PPBCN	CAL4	10/02/17 13:32		
5	100PPBCN	100PPBCN	CAL5	10/02/17 13:32		
6	250PPBCN	250PPBCN	CAL6	10/02/17 13:32		
7	500PPBCN	500PPBCN	CAL7	10/02/17 13:32		
8	ICV1	ICV1	ICV	10/02/17 15:35		
9	ICB1	ICB1	ICB	10/02/17 15:35		
10	CCV1	CCV1	CCV	10/02/17 15:35		
11	CCB1	CCB1	CCB	10/02/17 15:35		
12	PB102816BL	PB102816BL	MB	10/02/17 15:35		
13	I5546-03	PAINT-CHIPS-DRUM	SAM	10/02/17 15:35		
14	I5546-03DUP	PAINT-CHIPS-DRUM	DUP	10/02/17 15:35		
15	I5547-03	CL-02-092917	SAM	10/02/17 15:40		
16	I5551-03	JC-03-092917-A	SAM	10/02/17 15:41		
17	I5551-06	JC-03-092917-B	SAM	10/02/17 15:41		
18	I5551-09	JC-03-092917-C	SAM	10/02/17 15:41		
19	I5584-04	TP-1-COMP	SAM	10/02/17 15:41		
20	CCV2	CCV2	CCV	10/02/17 15:41		
21	CCB2	CCB2	CCB	10/02/17 15:41		