



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

Hit Summary Sheet
SW-846

SDG No.: P5217

Order ID: P5217

Client: EarthEfficient LLC

Project ID: 45-40 Vernon Blvd LIC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MIXED-DEMO							
P5217-01	MIXED-DEMO	SOIL	Lead	4.75		0.14	0.54	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	EarthEfficient LLC	Date Collected:	12/09/24
Project:	45-40 Vernon Blvd LIC	Date Received:	12/09/24
Client Sample ID:	MIXED-DEMO	SDG No.:	P5217
Lab Sample ID:	P5217-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	99.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	4.75		1	0.14	0.54	mg/Kg	12/10/24 11:05	12/11/24 15:16	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	Metals Group3			

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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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:

EarthEfficient LLC

SDG No.:

P5217

Contract:

EART12

Lab Code:

CHEM

Case No.:

P5217

SAS No.:

P5217

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	12:39	LB133897

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	13:06	LB133897
CCB02	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	13:59	LB133897
CCB03	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	14:17	LB133897
CCB04	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	15:12	LB133897
CCB05	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:05	LB133897
CCB06	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:26	LB133897
CCB07	Lead	12.0	+/-12.0	U	12.0	P	12/11/2024	16:43	LB133897

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: EarthEfficient LLC

SDG No.: P5217

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB165528BL		SOLID		Batch Number:	PB165528		Prep Date:	12/10/2024	
	Lead	0.51	<0.51	U	0.51	P	12/11/2024	14:43	LB133897



METAL CALIBRATION DATA



- 2a -

Client:	<u>EarthEfficient LLC</u>	SDG No.:	<u>P5217</u>	
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.: <u>P5217</u> SAS No.: <u>P5217</u>
Initial Calibration Source:	<u>EPA</u>			
Continuing Calibration Source:	<u>Inorganic Ventures</u>			

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Lead	1000	1000	100	90 - 110	P	12/11/2024	11:52	LB133897

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Lead	10.3	12.0	86	80 - 120	P	12/11/2024	12:00	LB133897

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Lead	4980	5000	100	90 - 110	P	12/11/2024	12:57	LB133897
CCV02	Lead	5220	5000	104	90 - 110	P	12/11/2024	13:54	LB133897
CCV03	Lead	5070	5000	101	90 - 110	P	12/11/2024	14:12	LB133897
CCV04	Lead	4930	5000	98	90 - 110	P	12/11/2024	15:07	LB133897
CCV05	Lead	4960	5000	99	90 - 110	P	12/11/2024	15:59	LB133897
CCV06	Lead	5130	5000	103	90 - 110	P	12/11/2024	16:22	LB133897
CCV07	Lead	4940	5000	99	90 - 110	P	12/11/2024	16:39	LB133897



Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Lead	10.9	12.0	91	40 - 160	P	12/11/2024	12:44	LB133897

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: EarthEfficient LLC **SDG No.:** P5217
Contract: EART12 **Lab Code:** CHEM **Case No.:** P5217 **SAS No.:** P5217
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Lead	6.35			-12	12	12/11/2024	12:48	LB133897
ICSAB01	Lead	56.2	49.0	115	37	61	12/11/2024	12:52	LB133897



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>EarthEfficient LLC</u>	level: <u>low</u>	sdg no.: <u>P5217</u>
contract: <u>EART12</u>	lab code: <u>CHEM</u>	case no.: <u>P5217</u> sas no.: <u>P5217</u>
matrix: <u>Solid</u>	sample id: <u>P5217-01</u>	client id: <u>MIXED-DEMOMS</u>
Percent Solids for Sample: 99.6	Spiked ID: P5217-01MS	Percent Solids for Spike Sample: 99.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	46.1		4.75		45.4	91		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>EarthEfficient LLC</u>	level: <u>low</u>	sdg no.: <u>P5217</u>
contract: <u>EART12</u>	lab code: <u>CHEM</u>	case no.: <u>P5217</u> sas no.: <u>P5217</u>
matrix: <u>Solid</u>	sample id: <u>P5217-01</u>	client id: <u>MIXED-DEMOMSD</u>
Percent Solids for Sample: 99.6	Spiked ID: P5217-01MSD	Percent Solids for Spike Sample: 99.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	46.8		4.75		46.5	90		P



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Metals
- 5b -

Client:

EarthEfficient LLC

SDG No.:

P5217

Contract:

EART12

Lab Code:

CHEM

Case No.:

P5217

SAS No.:

P5217

Matrix:

Level:

LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

- A
- B
- C
- D
- E
- F
- G
- H
- I
- J

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>EarthEfficient LLC</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5217</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P5217-01</u>	Client ID:	<u>MIXED-DEMODUP</u>
Percent Solids for Sample:	99.6	Duplicate ID	P5217-01DUP	Percent Solids for Spike Sample:	99.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	4.75		5.13		8		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>EarthEfficient LLC</u>	Level:	<u>LOW</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>P5217</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>P5217-01MS</u>	Client ID:	<u>MIXED-DEMOMSD</u>
Percent Solids for Sample:	99.6	Duplicate ID	P5217-01MSD	Percent Solids for Spike Sample:	99.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Lead	mg/Kg	20	46.1		46.8		2		P

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB165528BS Lead	mg/Kg	42.6	41.7		98	80 - 120	P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MIXED-DEMOL

Lab Name: Chemtech Consulting Group

Contract: EART12

Lab Code: CHEM

Lb No.: lb133897

Lab Sample ID : P5217-01L

SDG No.: P5217

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Lead	4.75	5.00	5		P

metals
- 14 -
ANALYSIS RUN LOG

Client: EarthEfficient LLC **Contract:** EART12

Lab code: CHEM **Case no.:** P5217 **Sas no.:** P5217 **Sdg no.:** P5217

Instrument id number: **Method:** **Run number:** LB133897

Start date: 12/11/2024 **End date:** 12/11/2024

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1127	Pb
S1	S1	1	1131	Pb
S2	S2	1	1135	Pb
S3	S3	1	1139	Pb
S4	S4	1	1144	Pb
S5	S5	1	1148	Pb
ICV01	ICV01	1	1152	Pb
LLICV01	LLICV01	1	1200	Pb
ICB01	ICB01	1	1239	Pb
CRI01	CRI01	1	1244	Pb
ICSA01	ICSA01	1	1248	Pb
ICSAB01	ICSAB01	1	1252	Pb
CCV01	CCV01	1	1257	Pb
CCB01	CCB01	1	1306	Pb
CCV02	CCV02	1	1354	Pb
CCB02	CCB02	1	1359	Pb
CCV03	CCV03	1	1412	Pb
CCB03	CCB03	1	1417	Pb
PB165528BL	PB165528BL	1	1443	Pb
PB165528BS	PB165528BS	1	1447	Pb
CCV04	CCV04	1	1507	Pb
CCB04	CCB04	1	1512	Pb
P5217-01	MIXED-DEMO	1	1516	Pb
P5217-01DUP	MIXED-DEMODUP	1	1520	Pb
P5217-01L	MIXED-DEMOL	5	1525	Pb
P5217-01MS	MIXED-DEMOMS	1	1529	Pb
P5217-01MSD	MIXED-DEMOMSD	1	1534	Pb
CCV05	CCV05	1	1559	Pb
CCB05	CCB05	1	1605	Pb
CCV06	CCV06	1	1622	Pb
CCB06	CCB06	1	1626	Pb
CCV07	CCV07	1	1639	Pb
CCB07	CCB07	1	1643	Pb



METAL PREPARATION & INSTRUMENT DATA

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: EarthEfficient LLC

SDG No.: P5217

Contract: EART12

Lab Code: CHEM

Case No.: P5217

SAS No.: P5217

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000



LAB CHRONICLE

OrderID:	P5217	OrderDate:	12/9/2024 12:39:00 PM
Client:	EarthEfficient LLC	Project:	45-40 Vernon Blvd LIC
Contact:	Environmental Team	Location:	M11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5217-01	MIXED-DEMO	SOIL	Metals Group3	6010D	12/09/24	12/10/24	12/11/24	12/09/24



METAL PREPARATION & ANALYICAL SUMMARY

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client:	<u>EarthEfficient LLC</u>	SDG No.:	<u>P5217</u>
Contract:	<u>EART12</u>	Lab Code:	<u>CHEM</u>
		Method:	<u></u>
		Case No.:	<u>P5217</u>
		SAS No.:	<u>P5217</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB165528							
P5217-01	MIXED-DEMO	SAM	SOLID	12/10/2024	2.22	100.0	99.60
P5217-01DUP	MIXED-DEMODUP	DUP	SOLID	12/10/2024	2.09	100.0	99.60
P5217-01MS	MIXED-DEMOMS	MS	SOLID	12/10/2024	2.21	100.0	99.60
P5217-01MSD	MIXED-DEMOMSD	MSD	SOLID	12/10/2024	2.16	100.0	99.60
PB165528BL	PB165528BL	MB	SOLID	12/10/2024	2.35	100.0	100.00
PB165528BS	PB165528BS	LCS	SOLID	12/10/2024	2.35	100.0	100.00

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	12/11/24 11:27		Kareem	OK
2	S1	S1	CAL2	12/11/24 11:31		Kareem	OK
3	S2	S2	CAL3	12/11/24 11:35		Kareem	OK
4	S3	S3	CAL4	12/11/24 11:39		Kareem	OK
5	S4	S4	CAL5	12/11/24 11:44		Kareem	OK
6	S5	S5	CAL6	12/11/24 11:48		Kareem	OK
7	ICV01	ICV01	ICV	12/11/24 11:52		Kareem	OK
8	LLICV01	LLICV01	LLICV	12/11/24 12:00		Kareem	OK
9	ICB01	ICB01	ICB	12/11/24 12:39		Kareem	OK
10	CRI01	CRI01	CRDL	12/11/24 12:44		Kareem	OK
11	ICSA01	ICSA01	ICSA	12/11/24 12:48		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	12/11/24 12:52		Kareem	OK
13	CCV01	CCV01	CCV	12/11/24 12:57		Kareem	OK
14	CCB01	CCB01	CCB	12/11/24 13:06		Kareem	OK
15	PB165470TB	PB165470TB	MB	12/11/24 13:10		Kareem	OK
16	PB165527BL	PB165527BL	MB	12/11/24 13:15		Kareem	OK
17	PB165527BS	PB165527BS	LCS	12/11/24 13:19	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
18	P5174-02	ROLL-OFF-COMP	SAM	12/11/24 13:23		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

19	P5196-04	MH-761	SAM	12/11/24 13:28		Kareem	OK
20	P5216-04	BP-G-6	SAM	12/11/24 13:32		Kareem	OK
21	P5216-08	MH-743	SAM	12/11/24 13:37		Kareem	OK
22	P5216-12	MH-744	SAM	12/11/24 13:41		Kareem	OK
23	P5216-16	TP-12	SAM	12/11/24 13:46	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
24	P5216-16DUP	TP-12DUP	DUP	12/11/24 13:50	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
25	CCV02	CCV02	CCV	12/11/24 13:54		Kareem	OK
26	CCB02	CCB02	CCB	12/11/24 13:59		Kareem	OK
27	P5245-01	72-12016	SAM	12/11/24 14:08		Kareem	OK
28	CCV03	CCV03	CCV	12/11/24 14:12		Kareem	OK
29	CCB03	CCB03	CCB	12/11/24 14:17		Kareem	OK
30	P5216-16L	TP-12L	SD	12/11/24 14:25	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
31	P5216-16MS	TP-12MS	MS	12/11/24 14:30	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
32	P5216-16MSD	TP-12MSD	MSD	12/11/24 14:34	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
33	P5216-16A	TP-12A	PS	12/11/24 14:38	MS/MSD fail for more than 50% parameters	Kareem	Not Ok
34	PB165528BL	PB165528BL	MB	12/11/24 14:43		Kareem	OK
35	PB165528BS	PB165528BS	LCS	12/11/24 14:47	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QC Batch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

36	P5216-01	BP-G-6	SAM	12/11/24 14:51		Kareem	OK
37	P5216-05	MH-743	SAM	12/11/24 14:55		Kareem	OK
38	P5216-09	MH-744	SAM	12/11/24 14:59		Kareem	OK
39	P5216-13	TP-12	SAM	12/11/24 15:03		Kareem	OK
40	CCV04	CCV04	CCV	12/11/24 15:07		Kareem	OK
41	CCB04	CCB04	CCB	12/11/24 15:12		Kareem	OK
42	P5217-01	MIXED-DEMO	SAM	12/11/24 15:16		Kareem	OK
43	P5217-01DUP	MIXED-DEMODUP	DUP	12/11/24 15:20		Kareem	OK
44	P5217-01L	MIXED-DEMOL	SD	12/11/24 15:25		Kareem	OK
45	P5217-01MS	MIXED-DEMOMS	MS	12/11/24 15:29	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
46	P5217-01MSD	MIXED-DEMOMSD	MSD	12/11/24 15:34	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
47	P5217-01A	MIXED-DEMOA	PS	12/11/24 15:38	0.1 ml of m6010 and m6001 were added to 10ml of sample	Kareem	OK
48	P5219-01	MR-CAM-09-MR-CAM	SAM	12/11/24 15:42		Kareem	OK
49	P5219-02	MR-CAM-011	SAM	12/11/24 15:47		Kareem	OK
50	P5219-03DL	MR-CAM-012DL	SAM	12/11/24 15:51	Straight 5x Dilution for all elements	Kareem	OK
51	P5219-04	MR-CAM-013	SAM	12/11/24 15:55	AI high	Kareem	Dilution
52	CCV05	CCV05	CCV	12/11/24 15:59		Kareem	OK

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB133897

Review By	kareem	Review On	12/13/2024 7:07:43 PM
Supervise By	mohan	Supervise On	12/16/2024 11:22:00 PM
STD. NAME	STD REF.#		
ICAL Standard	MP83552,MP83553,MP83554,MP83555,MP83556,MP83558		
ICV Standard	MP83559		
CCV Standard	MP83562		
ICSA Standard	MP83560,MP83561		
CRI Standard	MP83558		
LCS Standard			
Chk Standard	MP83565,MP83566		

53	CCB05	CCB05	CCB	12/11/24 16:05		Kareem	OK
54	P5219-04DL	MR-CAM-013DL	SAM	12/11/24 16:09	5x for AI	Kareem	Confirms
55	P5223-01	TR-05-120924	SAM	12/11/24 16:14		Kareem	OK
56	CCV06	CCV06	CCV	12/11/24 16:22		Kareem	OK
57	CCB06	CCB06	CCB	12/11/24 16:26		Kareem	OK
58	LR1	LR1	HIGH STD	12/11/24 16:30		Kareem	OK
59	LR2	LR2	HIGH STD	12/11/24 16:35		Kareem	OK
60	CCV07	CCV07	CCV	12/11/24 16:39		Kareem	OK
61	CCB07	CCB07	CCB	12/11/24 16:43		Kareem	OK

SOP ID : M3050B-Digestion-20

SDG No : N/A

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 12/10/2024 Time : 11:05 Temp : 96 °C

End Digest Date: 12/10/2024 Time : 13:15 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. # 5

Dig Technician Signature: *SKG*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LFS-1	1.00	M6000
LFS-2	1.00	M6009
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP83498
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
PTFE Boiling Stones	N/A	M5585
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#5 CELL #33 Temp: 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/10/24 12:05	<i>SKG met. digestion</i>	<i>[Signature] Met Lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P5216-01	BP-G-6	N/A	2.10	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-05	MH-743	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-09	MH-744	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5216-13	TP-12	N/A	2.46	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5217-01	MIXED-DEMO	N/A	2.22	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5217-01MS	MIXED-DEMOMS	N/A	2.21	100	Brown	Yellow	Medium	N/A	M6000,M6009	N/A
P5217-01MSD	MIXED-DEMOMSD	N/A	2.16	100	Brown	Yellow	Medium	N/A	M6000,M6009	N/A
P5217-01DUP	MIXED-DEMODUP	N/A	2.09	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5219-01	MR-CAM-09-MR-CAM-010	N/A	2.15	100	Gray	Yellow	Medium	N/A	N/A	N/A
P5219-02	MR-CAM-011	N/A	2.27	100	Gray	Yellow	Medium	N/A	N/A	N/A
P5219-03	MR-CAM-012	N/A	2.15	100	Brown	Yellow	Medium	N/A	N/A	N/A
P5219-04	MR-CAM-013	N/A	2.03	100	White	Yellow	Medium	N/A	N/A	N/A
P5223-01	TR-05-120924	N/A	2.13	100	Brown	Yellow	Medium	N/A	N/A	N/A
PB165528BL	PBS528	N/A	2.35	100	Colorless	Colorless	Fine	N/A	N/A	N/A
PB165528BS	LCS528	N/A	2.35	100	Colorless	Colorless	Fine	N/A	M6000,M6009	N/A