



SAMPLE DATA

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24 09:00
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-TOP	SDG No.:	P4892
Lab Sample ID:	P4892-01	Matrix:	SOIL
		% Solid:	59.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.13	U	1	0.13	0.66	mg/Kg	11/18/24 09:20	11/18/24 16:03	7196A
Trivalent Chromium	294		1	0.84	0.84	mg/Kg		11/19/24 15:53	6010D

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24 12:30
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-02	Matrix:	SOIL
		% Solid:	86.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Hexavalent Chromium	0.091	U	1	0.091	0.46	mg/Kg	11/18/24 09:20	11/18/24 16:06	7196A
Trivalent Chromium	8.36		1	0.58	0.58	mg/Kg		11/19/24 13:26	6010D

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
 H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24 12:30
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-BOT	SDG No.:	P4892
Lab Sample ID:	P4892-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.75	H	1	0	0	pH		11/18/24 16:00	9045D
Ignitability	NO		1	0	0	oC		11/19/24 14:30	1030
Reactive Cyanide	0.0088	U	1	0.0088	0.050	mg/Kg	11/18/24 10:30	11/18/24 14:24	9012B
Reactive Sulfide	6.35	J	1	0.19	10.0	mg/Kg	11/18/24 14:50	11/19/24 09:48	9034

Comments: pH result reported at temperature 24.5 °C

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

H = Sample Analysis Out Of Hold Time

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

Report of Analysis

Client:	Portal Partners Tri-Venture	Date Collected:	11/15/24 08:05
Project:	Amtrak Sawtooth Bridges 2024	Date Received:	11/15/24
Client Sample ID:	WB-310-SW	SDG No.:	P4892
Lab Sample ID:	P4892-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Dissolved Hexavalent Chromium	0.0030	U	1	0.0030	0.010	mg/L		11/18/24 10:14	7196A
trivalent Chromium	0.010	U	1	0.010	0.010	mg/L		11/25/24 15:50	6010D

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
 H = Sample Analysis Out Of Hold Time

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



QC RESULT SUMMARY



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

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2024

SDG No.: P4892
RunNo.: LB133491

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/18/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.503	0.5	101	90-110	11/18/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	11/18/2024

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: P4892

Project: Amtrak Sawtooth Bridges 2024

RunNo.: LB133497

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Hexavalent Chromium	mg/L	0.502	0.5	100	90-110	11/18/2024
Sample ID: CCV1 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	11/18/2024
Sample ID: CCV2 Hexavalent Chromium	mg/L	0.499	0.5	100	90-110	11/18/2024
Sample ID: CCV3 Hexavalent Chromium	mg/L	0.500	0.5	100	90-110	11/18/2024
Sample ID: CCV4 Hexavalent Chromium	mg/L	0.498	0.5	100	90-110	11/18/2024

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture

SDG No.: P4892

Project: Amtrak Sawtooth Bridges 2024

RunNo.: LB133500

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Corrosivity	ICV	pH	7.01	7	100	90-110	11/18/2024
Sample ID: Corrosivity	CCV1	pH	2.01	2.00	101	90-110	11/18/2024
Sample ID: Corrosivity	CCV2	pH	12.02	12.00	100	90-110	11/18/2024

Initial and Continuing Calibration Verification

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2024

SDG No.: P4892
RunNo.: LB133501

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1 Reactive Cyanide	mg/L	0.094	0.099	95	85-115	11/18/2024
Sample ID: CCV1 Reactive Cyanide	mg/L	0.24	0.25	96	90-110	11/18/2024
Sample ID: CCV2 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	11/18/2024
Sample ID: CCV3 Reactive Cyanide	mg/L	0.25	0.25	100	90-110	11/18/2024



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

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2024

SDG No.: P4892
RunNo.: LB133491

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2024

SDG No.: P4892
RunNo.: LB133497

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB1 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB2 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB3 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024
Sample ID: CCB4 Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.0027	0.01	11/18/2024

Initial and Continuing Calibration Blank Summary

Client: Portal Partners Tri-Venture
Project: Amtrak Sawtooth Bridges 2024

SDG No.: P4892
RunNo.: LB133501

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/18/2024
Sample ID: CCB1 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/18/2024
Sample ID: CCB2 Reactive Cyanide	mg/L	0.0014	0.0025	J	0.00099	0.005	11/18/2024
Sample ID: CCB3 Reactive Cyanide	mg/L	< 0.0025	0.0025	U	0.00099	0.005	11/18/2024

Preparation Blank Summary

Client: Portal Partners Tri-Venture

SDG No.: P4892

Project: Amtrak Sawtooth Bridges 2024

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB133491BL Hexavalent Chromium	mg/L	< 0.0050	0.0050	U	0.003	0.01	11/18/2024
Sample ID: PB164985BL Reactive Sulfide	mg/Kg	< 5.0000	5.0000	U	0.186	10	11/19/2024
Sample ID: PB165024BL Hexavalent Chromium	mg/Kg	< 0.2000	0.2000	U	0.079	0.4	11/18/2024
Sample ID: PB165064BL Reactive Cyanide	mg/Kg	< 0.0250	0.0250	U	0.0088	0.05	11/18/2024

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4860-01

Client ID:

DUP-01MS

Percent Solids for Spike Sample:

96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	1290		0.080	U	1330	40	97		11/18/2024

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4860-01

Client ID:

DUP-01MS

Percent Solids for Spike Sample:

96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	85-115	40.2		0.080	U	41.3	2	97		11/18/2024

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4860-01

Client ID:

DUP-01MS

Percent Solids for Spike Sample:

96.8

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	75-125	33.8		0.080	U	41.3	2	82		11/18/2024

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4892-04

Client ID:

WB-310-SWMS

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.99		0.0030	U	1.0	2	99		11/18/2024

Matrix Spike Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4892-04

Client ID:

WB-310-SWMSD

Percent Solids for Spike Sample:

0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Hexavalent Chromium	mg/L	90-111	0.99		0.0030	U	1.0	2	99		11/18/2024

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	P4892
Project:	Amtrak Sawtooth Bridges 2024	Sample ID:	P4833-04
Client ID:	MH-731DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Sulfide	mg/Kg	+/-20	3.19	J	3.19	J	1	0		11/19/2024

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	P4892
Project:	Amtrak Sawtooth Bridges 2024	Sample ID:	P4860-01
Client ID:	DUP-01DUP	Percent Solids for Spike Sample:	96.8

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/Kg	+/-20	0.080	U	0.080	U	1	0		11/18/2024

Duplicate Sample Summary

Client: Portal Partners Tri-Venture

SDG No.: P4892

Project: Amtrak Sawtooth Bridges 2024

Sample ID: P4887-01

Client ID: MH-739DUP

Percent Solids for Spike Sample: 91.2

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Ignitability	oC	+/-20	NO		NO		1	0		11/19/2024

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	P4892
Project:	Amtrak Sawtooth Bridges 2024	Sample ID:	P4887-02
Client ID:	MH-739DUP	Percent Solids for Spike Sample:	100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Reactive Cyanide	mg/Kg	+/-20	0.0087	U	0.0087	U	1	0		11/18/2024

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	P4892
Project:	Amtrak Sawtooth Bridges 2024	Sample ID:	P4892-04
Client ID:	WB-310-SWDUP	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.0030	U	0.0030	U	1	0		11/18/2024

Duplicate Sample Summary

Client:	Portal Partners Tri-Venture	SDG No.:	P4892
Project:	Amtrak Sawtooth Bridges 2024	Sample ID:	P4892-04
Client ID:	WB-310-SWMSD	Percent Solids for Spike Sample:	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Hexavalent Chromium	mg/L	+/-20	0.99		0.99		2	0.4		11/18/2024

Duplicate Sample Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Sample ID:

P4910-08

Client ID:

MH-759DUP

Percent Solids for Spike Sample:

100

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Corrosivity	pH	+/-20	8.77		8.78		1	0.11		11/18/2024

Laboratory Control Sample Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Run No.:

LB133491

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB133491BS							
Hexavalent Chromium	mg/L	0.5	0.51		102	1	90-111	11/18/2024

Laboratory Control Sample Summary

Client:

Portal Partners Tri-Venture

SDG No.:

P4892

Project:

Amtrak Sawtooth Bridges 2024

Run No.:

LB133497

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	PB165024BS							
Hexavalent Chromium	mg/Kg	20	20.1		101	1	84-110	11/18/2024

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133491

Review By	rubina	Review On	11/18/2024 2:16:18 PM
Supervise By	Iwona	Supervise On	11/18/2024 4:24:37 PM
SubDirectory	LB133491	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP110738,WP110737,WP110735,WP110734,WP110722,WP110380,WP110736,WP110741,WP110739,WP110740		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/18/24 10:00		rubina	OK
2	CAL2	CAL2	CAL	11/18/24 10:01		rubina	OK
3	CAL3	CAL3	CAL	11/18/24 10:02		rubina	OK
4	CAL4	CAL4	CAL	11/18/24 10:03		rubina	OK
5	CAL5	CAL5	CAL	11/18/24 10:04		rubina	OK
6	CAL6	CAL6	CAL	11/18/24 10:05		rubina	OK
7	CAL7	CAL7	CAL	11/18/24 10:06		rubina	OK
8	ICV	ICV	ICV	11/18/24 10:07		rubina	OK
9	ICB	ICB	ICB	11/18/24 10:08		rubina	OK
10	CCV1	CCV1	CCV	11/18/24 10:09		rubina	OK
11	CCB1	CCB1	CCB	11/18/24 10:10		rubina	OK
12	RL Check	RL Check	SAM	11/18/24 10:11		rubina	OK
13	LB133491BL	LB133491BL	MB	11/18/24 10:12		rubina	OK
14	LB133491BS	LB133491BS	LCS	11/18/24 10:13		rubina	OK
15	P4892-04	WB-310-SW	SAM	11/18/24 10:14		rubina	OK
16	P4892-04DUP	WB-310-SWDUP	DUP	11/18/24 10:15		rubina	OK
17	P4892-04MS	WB-310-SWMS	MS	11/18/24 10:16	1ML WP108658+99.0ML SAMPLE	rubina	OK
18	P4892-04MSD	WB-310-SWMSD	MSD	11/18/24 10:17	1ML WP108658+99.0ML SAMPLE	rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133491

Review By	rubina	Review On	11/18/2024 2:16:18 PM
Supervise By	Iwona	Supervise On	11/18/2024 4:24:37 PM
SubDirectory	LB133491	Test	Hexavalent Chromium

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	WP110738,WP110737,WP110735,WP110734,WP110722,WP110380,WP110736,WP110741,WP110739,WP110740

19	CCV2	CCV2	CCV	11/18/24 10:18		rubina	OK
20	CCB2	CCB2	CCB	11/18/24 10:19		rubina	OK

A
B
C
D
E
F

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133497

Review By	rubina	Review On	11/18/2024 4:36:35 PM
Supervise By	Iwona	Supervise On	11/25/2024 10:26:05 AM
SubDirectory	LB133497	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP110722,WP110380,WP110381,WP108645		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/18/24 15:30		rubina	OK
2	CAL2	CAL2	CAL	11/18/24 15:31		rubina	OK
3	CAL3	CAL3	CAL	11/18/24 15:32		rubina	OK
4	CAL4	CAL4	CAL	11/18/24 15:33		rubina	OK
5	CAL5	CAL5	CAL	11/18/24 15:34		rubina	OK
6	CAL6	CAL6	CAL	11/18/24 15:35		rubina	OK
7	CAL7	CAL7	CAL	11/18/24 15:36		rubina	OK
8	ICV	ICV	ICV	11/18/24 15:37		rubina	OK
9	ICB	ICB	ICB	11/18/24 15:38		rubina	OK
10	CCV1	CCV1	CCV	11/18/24 15:39		rubina	OK
11	CCB1	CCB1	CCB	11/18/24 15:40		rubina	OK
12	RL Check	RL Check	SAM	11/18/24 15:41		rubina	OK
13	PB165024BL	PB165024BL	MB	11/18/24 15:42		rubina	OK
14	PB165024BS	PB165024BS	LCS	11/18/24 15:43		rubina	OK
15	P4860-01	DUP-01	SAM	11/18/24 15:44		rubina	OK
16	P4860-01DUP	DUP-01DUP	DUP	11/18/24 15:45		rubina	OK
17	P4860-01MSPre	DUP-01MS	MS	11/18/24 15:46		rubina	OK
18	P4860-01MS2Ins	DUP-01MS	MS	11/18/24 15:47		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133497

Review By	rubina	Review On	11/18/2024 4:36:35 PM
Supervise By	Iwona	Supervise On	11/25/2024 10:26:05 AM
SubDirectory	LB133497	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP110722,WP110380,WP110381,WP108645		

19	P4860-01MS3Post	DUP-01MS	MS	11/18/24 15:48		rubina	OK
20	P4860-02	PH2-BOT-001	SAM	11/18/24 15:49		rubina	OK
21	P4860-03	PH2-BOT-002	SAM	11/18/24 15:50		rubina	OK
22	P4860-04	PH2-BOT-003	SAM	11/18/24 15:51		rubina	OK
23	CCV2	CCV2	CCV	11/18/24 15:52		rubina	OK
24	CCB2	CCB2	CCB	11/18/24 15:53		rubina	OK
25	P4860-05	PH2-BOT-004	SAM	11/18/24 15:54		rubina	OK
26	P4860-06	PH2-BOT-009	SAM	11/18/24 15:55		rubina	OK
27	P4860-07	PH2-BOT-008	SAM	11/18/24 15:56		rubina	OK
28	P4860-08	PH2-BOT-007	SAM	11/18/24 15:57		rubina	OK
29	P4860-09	PH2-BOT-006	SAM	11/18/24 15:58		rubina	OK
30	P4860-10	PH2-BOT-005	SAM	11/18/24 15:59		rubina	OK
31	P4869-01	EO-02-11152024	SAM	11/18/24 16:00		rubina	OK
32	P4887-01	MH-739	SAM	11/18/24 16:01		rubina	OK
33	P4887-05	MH-760	SAM	11/18/24 16:02		rubina	OK
34	P4892-01	WB-310-TOP	SAM	11/18/24 16:03		rubina	OK
35	CCV3	CCV3	CCV	11/18/24 16:04		rubina	OK
36	CCB3	CCB3	CCB	11/18/24 16:05		rubina	OK
37	P4892-02	WB-310-BOT	SAM	11/18/24 16:06		rubina	OK
38	P4893-01	MH-763	SAM	11/18/24 16:07		rubina	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133497

Review By	rubina	Review On	11/18/2024 4:36:35 PM
Supervise By	Iwona	Supervise On	11/25/2024 10:26:05 AM
SubDirectory	LB133497	Test	Hexavalent Chromium
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP110722,WP110380,WP110381,WP108645		

39	P4893-05	MH-762	SAM	11/18/24 16:08		rubina	OK
40	CCV4	CCV4	CCV	11/18/24 16:09		rubina	OK
41	CCB4	CCB4	CCB	11/18/24 16:10		rubina	OK

Instrument ID: WC PH METER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB133500

Review By	jignesh	Review On	11/18/2024 5:03:23 PM
Supervise By	Iwona	Supervise On	11/19/2024 9:42:43 AM
SubDirectory	LB133500	Test	Corrosivity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3107,W3093,W3094,W3071,W3005,W3072		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	11/18/24 15:30		Jignesh	OK
2	CAL2	CAL2	CAL	11/18/24 15:31		Jignesh	OK
3	CAL3	CAL3	CAL	11/18/24 15:33		Jignesh	OK
4	ICV	ICV	ICV	11/18/24 15:35		Jignesh	OK
5	CCV1	CCV1	CCV	11/18/24 15:39		Jignesh	OK
6	P4890-06	D3721	SAM	11/18/24 15:44		Jignesh	OK
7	P4892-03	WB-310-BOT	SAM	11/18/24 16:00		Jignesh	OK
8	P4893-04	MH-763	SAM	11/18/24 16:05		Jignesh	OK
9	P4893-08	MH-762	SAM	11/18/24 16:11		Jignesh	OK
10	P4910-04	MH-COTTAGE	SAM	11/18/24 16:20		Jignesh	OK
11	P4910-08	MH-759	SAM	11/18/24 16:25		Jignesh	OK
12	P4910-08DUP	MH-759DUP	DUP	11/18/24 16:26		Jignesh	OK
13	CCV2	CCV2	CCV	11/18/24 16:30		Jignesh	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB133501

Review By	Niha	Review On	11/19/2024 9:45:19 AM
Supervise By	Iwona	Supervise On	11/19/2024 1:45:32 PM
SubDirectory	LB133501	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP110743,WP110744,WP110745,WP110746,WP110747,WP110748,WP110749		
ICV Standard	WP110751		
CCV Standard	WP110744		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP109068,WP110103,WP110750		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	0.0PPBCN	0.0PPBCN	CAL1	11/18/24 11:50		Niha	OK
2	5.0PPBCN	5.0PPBCN	CAL2	11/18/24 11:50		Niha	OK
3	10PPBCN	10PPBCN	CAL3	11/18/24 11:50		Niha	OK
4	50PPBCN	50PPBCN	CAL4	11/18/24 11:50		Niha	OK
5	100PPBCN	100PPBCN	CAL5	11/18/24 11:50		Niha	OK
6	250PPBCN	250PPBCN	CAL6	11/18/24 11:50		Niha	OK
7	500PPBCN	500PPBCN	CAL7	11/18/24 11:50		Niha	OK
8	ICV1	ICV1	ICV	11/18/24 14:16		Niha	OK
9	ICB1	ICB1	ICB	11/18/24 14:16		Niha	OK
10	CCV1	CCV1	CCV	11/18/24 14:16		Niha	OK
11	CCB1	CCB1	CCB	11/18/24 14:16		Niha	OK
12	PB165064BL	PB165064BL	MB	11/18/24 14:16		Niha	OK
13	P4887-02	MH-739	SAM	11/18/24 14:16		Niha	OK
14	P4887-02DUP	MH-739DUP	DUP	11/18/24 14:24		Niha	OK
15	P4887-06	MH-760	SAM	11/18/24 14:24		Niha	OK
16	P4892-03	WB-310-BOT	SAM	11/18/24 14:24		Niha	OK
17	P4893-04	MH-763	SAM	11/18/24 14:24		Niha	OK
18	P4893-08	MH-762	SAM	11/18/24 14:24		Niha	OK

Instrument ID: KONELAB

Daily Analysis Runlog For Sequence/QC Batch ID # LB133501

Review By	Niha	Review On	11/19/2024 9:45:19 AM
Supervise By	Iwona	Supervise On	11/19/2024 1:45:32 PM
SubDirectory	LB133501	Test	Reactive Cyanide
STD. NAME	STD REF.#		
ICAL Standard	WP110743,WP110744,WP110745,WP110746,WP110747,WP110748,WP110749		
ICV Standard	WP110751		
CCV Standard	WP110744		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP109068,WP110103,WP110750		

19	P4890-06	D3721	SAM	11/18/24 14:24		Niha	OK
20	CCV2	CCV2	CCV	11/18/24 14:24		Niha	OK
21	CCB2	CCB2	CCB	11/18/24 14:24		Niha	OK
22	PB165065BL	PB165065BL	MB	11/18/24 14:24		Niha	OK
23	P4890-01	#3711	SAM	11/18/24 14:31		Niha	OK
24	P4890-01DUP	#3711DUP	DUP	11/18/24 14:31		Niha	OK
25	P4890-02	D3617	SAM	11/18/24 14:31		Niha	OK
26	P4890-03	D3690	SAM	11/18/24 14:31		Niha	OK
27	CCV3	CCV3	CCV	11/18/24 14:31		Niha	OK
28	CCB3	CCB3	CCB	11/18/24 14:31		Niha	OK

Instrument ID: TITRAMETRIC

Daily Analysis Runlog For Sequence/QC Batch ID # LB133506

Review By	rubina	Review On	11/19/2024 10:44:57 AM
Supervise By	Iwona	Supervise On	11/19/2024 10:50:37 AM
SubDirectory	LB133506	Test	Reactive Sulfide
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	W3105,W3114,W3149		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	PB164985BL	PB164985BL	MB	11/19/24 09:15		rubina	OK
2	P4833-04	MH-731	SAM	11/19/24 09:18		rubina	OK
3	P4833-04DUP	MH-731DUP	DUP	11/19/24 09:20		rubina	OK
4	P4833-08	TP-2	SAM	11/19/24 09:23		rubina	OK
5	P4848-02	TP-1	SAM	11/19/24 09:25		rubina	OK
6	P4849-02	RR-1	SAM	11/19/24 09:28		rubina	OK
7	P4870-13	TP-1	SAM	11/19/24 09:30		rubina	OK
8	P4870-14	MH-735	SAM	11/19/24 09:33		rubina	OK
9	P4870-15	MH-736	SAM	11/19/24 09:35		rubina	OK
10	P4870-16	TP-15	SAM	11/19/24 09:38		rubina	OK
11	P4887-02	MH-739	SAM	11/19/24 09:40		rubina	OK
12	P4887-06	MH-760	SAM	11/19/24 09:43		rubina	OK
13	P4890-06	D3721	SAM	11/19/24 09:45		rubina	OK
14	P4892-03	WB-310-BOT	SAM	11/19/24 09:48		rubina	OK
15	P4893-04	MH-763	SAM	11/19/24 09:50		rubina	OK
16	P4893-08	MH-762	SAM	11/19/24 09:53		rubina	OK

Instrument ID: FLAME

Daily Analysis Runlog For Sequence/QC Batch ID # LB133514

Review By	rubina	Review On	11/19/2024 4:46:48 PM
Supervise By	Iwona	Supervise On	11/19/2024 4:47:08 PM
SubDirectory	LB133514	Test	Ignitability
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	N/A		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	P4887-01	MH-739	SAM	11/19/24 13:45		rubina	OK
2	P4887-01DUP	MH-739DUP	DUP	11/19/24 13:52		rubina	OK
3	P4887-02	MH-739	SAM	11/19/24 14:00		rubina	OK
4	P4887-05	MH-760	SAM	11/19/24 14:07		rubina	OK
5	P4887-06	MH-760	SAM	11/19/24 14:15		rubina	OK
6	P4890-06	D3721	SAM	11/19/24 14:22		rubina	OK
7	P4892-03	WB-310-BOT	SAM	11/19/24 14:30		rubina	OK
8	P4893-01	MH-763	SAM	11/19/24 14:37		rubina	OK
9	P4893-04	MH-763	SAM	11/19/24 14:45		rubina	OK
10	P4893-05	MH-762	SAM	11/19/24 14:52		rubina	OK
11	P4893-08	MH-762	SAM	11/19/24 15:00		rubina	OK
12	P4910-01	MH-COTTAGE	SAM	11/19/24 15:07		rubina	OK
13	P4910-04	MH-COTTAGE	SAM	11/19/24 15:15		rubina	OK
14	P4910-05	MH-759	SAM	11/19/24 15:22		rubina	OK
15	P4910-08	MH-759	SAM	11/19/24 15:30		rubina	OK

LAB CHRONICLE

OrderID:	P4892	OrderDate:	11/18/2024 8:10:00 AM
Client:	Portal Partners Tri-Venture	Project:	Amtrak Sawtooth Bridges 2024
Contact:	Joseph Krupansky	Location:	M11,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4892-01	WB-310-TOP	SOIL			11/15/24 09:00	11/18/24		11/15/24
			Hexavalent Chromium	7196A			11/18/24 16:03	
			Trivalent Chromium	6010D			11/19/24 15:53	
P4892-02	WB-310-BOT	SOIL			11/15/24 12:30	11/18/24		11/15/24
			Hexavalent Chromium	7196A			11/18/24 16:06	
			Trivalent Chromium	6010D			11/19/24 13:26	
P4892-03	WB-310-BOT	SOIL			11/15/24 12:30	11/18/24		11/15/24
			Corrosivity	9045D			11/18/24 16:00	
			Ignitability	1030			11/19/24 14:30	
			Reactive Cyanide	9012B			11/18/24 14:24	
			Reactive Sulfide	9034			11/19/24 09:48	
P4892-04	WB-310-SW	WATER			11/15/24 08:05			11/15/24
			Hexavalent Chromium	7196A			11/18/24 10:14	
			trivalent Chromium	6010D			11/25/24 15:50	

SOP ID : M9030B-Sulfide-12

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#1

Block ID : MC-1,MC-2

Weigh By : RM

Start Digest Date: 11/18/2024 Time : 14:50 Temp : N/A

End Digest Date: 11/18/2024 Time : 16:20 Temp : N/A

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : N/A

Prep Technician Signature: RM

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
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
0.5M ZINC ACETATE	5.0ML	WP108780
FORMALDEHYDE	2.0ML	W2725
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
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:

N/A

11/18/2024 RM

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P4833-04	MH-731	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4833-04DUP	MH-731DUP	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4833-08	TP-2	5.07	50	N/A	N/A	N/A	N/A	N/A	N/A
P4848-02	TP-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4849-02	RR-1	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4870-13	TP-1	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4870-14	MH-735	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4870-15	MH-736	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4870-16	TP-15	5.06	50	N/A	N/A	N/A	N/A	N/A	N/A
P4887-02	MH-739	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
P4887-06	MH-760	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
P4890-06	D3721	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4892-03	WB-310-BOT	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4893-04	MH-763	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4893-08	MH-762	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
PB164985BL	PBS985	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M3060A,7196A-Hex.Chromium-26

SDG No : N/A

Matrix : SOIL

Pipette ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#3

Block ID : WC S-2, WC S-1

Weigh By : RM

Start Digest Date: 11/18/2024 Time : 09:20 Temp : 90 °C

End Digest Date: 11/18/2024 Time : 10:20 Temp : 95 °C

11 batch 11/18/2024 10:40 11/18/2024 11:40 9627em 9427em

Digestion tube ID : M6054

Block Thermometer ID : WC-Block#1

Filter paper ID : 400213

Prep Technician Signature: RM

pH Meter ID : WC pH meter-1

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PRE-DIGESTION SPIKE	2.0ML	WP108658
INSOLUBLE SPIKE	0.02GM	W2202
POST-DIGESTION SPIKE	2.0ML	WP108658
LCSS	1.0ML	WP108659
PBS003	50ML	W3112

Chemical Used	ML/SAMPLE USED	Lot Number
MAGNESIUM CHLORIDE	0.4GM	W3001
PHOSPHATE BUFFER	0.5ML	WP110498
HEX. DIGESTION SOLN.	50.0ML	WP110633
5M HNO3	5-7ML	WP110381
5N H2SO4	1-3ML	WP110380
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
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Vol(ml)	Comment
CAL1	CAL1	2.5ML	W3112
CAL2	CAL2	0.2ML	WP110733
CAL3	CAL3	0.5ML	WP110733
CAL4	CAL4	1ML	WP110733
CAL5	CAL5	0.2ML	WP108658
CAL6	CAL6	1ML	WP108658
CAL7	CAL7	2.0ML	WP108658
ICV	ICV	1ML	WP108659
ICB	ICB	2.5ML	W3112
CCV	CCV	1ML	WP108658
CCB	CCB	2.5ML	W3112

Extraction Conformance/Non-Conformance Comments:

11/18/2024 RM

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P4860-01	DUP-01	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-01MSPre	DUP-01MSPRE	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-01MS2Ins	DUP-01MS2INS	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-01MS3Post	DUP-01MS3POST	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-01DUP	DUP-01DUP	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-02	PH2-BPT-001	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-03	PH2-BPT-002	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-04	PH2-BPT-003	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-05	PH2-BPT-004	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-06	PH2-BPT-009	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-07	PH2-BPT-008	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-08	PH2-BPT-007	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-09	PH2-BPT-006	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4860-10	PH2-BPT-005	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
P4869-01	EO-02-11152024	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
P4887-01	MH-739	2.53	100	N/A	N/A	N/A	N/A	N/A	N/A
P4887-05	MH-760	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4892-01	WB-310-TOP	2.52	100	N/A	N/A	N/A	N/A	N/A	N/A
P4892-02	WB-310-BOT	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4893-01	MH-763	2.51	100	N/A	N/A	N/A	N/A	N/A	N/A
P4893-05	MH-762	2.54	100	N/A	N/A	N/A	N/A	N/A	N/A
PB165024BL	PBS024	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A
PB165024BS	LCS024	2.50	100	N/A	N/A	N/A	N/A	N/A	N/A

SOP ID : M9012B-Total, Amenable and Reactive Cyanide-20

SDG No : N/A

Start Digest Date: 11/18/2024 Time : 10:30 Temp : N/A

Matrix : SOIL

End Digest Date: 11/18/2024 Time : 12:00 Temp : N/A

Pipette ID : N/A

Balance ID : WC SC-7

Hood ID : HOOD#1

Digestion tube ID : M5595

Block Thermometer ID : N/A

Block ID : MC-1, MC-2

Filter paper ID : N/A

Prep Technician Signature: NF

Weigh By : NF

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
PBS003	50.0ML	W3112
N/A	N/A	N/A
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
0.25N NaOH	N/A	WP108640
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
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Comment

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/18/2024 , 12:15	NF(WC)	NF(WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/Nitrite	Comment	Prep Pos
P4887-02	MH-739	5.05	50	N/A	N/A	N/A	N/A	N/A	N/A
P4887-02DUP	MH-739DUP	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
P4887-06	MH-760	5.02	50	N/A	N/A	N/A	N/A	N/A	N/A
P4890-06	D3721	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4892-03	WB-310-BOT	5.01	50	N/A	N/A	N/A	N/A	N/A	N/A
P4893-04	MH-763	5.04	50	N/A	N/A	N/A	N/A	N/A	N/A
P4893-08	MH-762	5.03	50	N/A	N/A	N/A	N/A	N/A	N/A
PB165064BL	PB165064BL	5.00	50	N/A	N/A	N/A	N/A	N/A	N/A