



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

Hit Summary Sheet
SW-846

SDG No.:	Q2234	Order ID:	Q2234
Client:	JACOBS Engineering Group, Inc.	Project ID:	Former Schlumberger STC PTC Site D386

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Q2234-08	MW-17B-55-060425 MW-17B-55-060425	Water	Iron	6980		7.81	50.0	ug/L
Client ID : Q2234-11	MW-18B-56-060425 MW-18B-56-060425	Water	Iron	640		7.81	50.0	ug/L
Client ID : Q2234-12	MW-18B-56-060425-FD MW-18B-56-060425-FD	Water	Iron	673		7.81	50.0	ug/L
Client ID : Q2234-13	MW-19B-72-060425 MW-19B-72-060425	Water	Iron	22400		7.81	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:09	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

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

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:28	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:31	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
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 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:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:44	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group4			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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 Q = indicates LCS control criteria did not meet requirements

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 N =Spiked sample recovery not within control limits

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	6980	1	7.81		50.0	ug/L	06/09/25 12:20	06/11/25 20:47	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-11	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	640		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 21:06	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-12	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	673		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 21:10	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-13	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-89-6	Iron	22400	1	7.81		50.0	ug/L	06/09/25 12:20	06/11/25 21:13	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Dissolved Metals Group3			

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:07	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:07	LB136121

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:35	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:35	LB136121
CCB02	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:58	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:58	LB136121
CCB03	Iron	7.81	+/-25	U	50.0	P	06/11/2025	20:41	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	20:41	LB136121
CCB04	Iron	7.81	+/-25	U	50.0	P	06/11/2025	21:23	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	21:23	LB136121
CCB05	Iron	7.81	+/-25	U	50.0	P	06/11/2025	21:45	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	21:45	LB136121

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2234

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168360BL		WATER		Batch Number:	PB168360		Prep Date:	06/09/2025	
	Iron	7.81	<25	U	50.0	P	06/11/2025	20:02	LB136121
	Silver	0.060	<0.5	U	1.00	P	06/11/2025	20:02	LB136121



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Iron	2000	2000	100	90 - 110	P	06/11/2025	18:48	LB136121
	Silver	46.7	50.0	93	90 - 110	P	06/11/2025	18:48	LB136121

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. SDG No.: Q2234

Contract: JACO05 Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Iron	52.6	50.0	105	80 - 120	P	06/11/2025	19:00	LB136121
	Silver	1.07	1.0	107	80 - 120	P	06/11/2025	19:00	LB136121

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Iron	127000	125000	102	90 - 110	P	06/11/2025	19:29	LB136121
	Silver	536	500	107	90 - 110	P	06/11/2025	19:29	LB136121
CCV02	Iron	130000	125000	104	90 - 110	P	06/11/2025	19:52	LB136121
	Silver	515	500	103	90 - 110	P	06/11/2025	19:52	LB136121
CCV03	Iron	129000	125000	103	90 - 110	P	06/11/2025	20:35	LB136121
	Silver	505	500	101	90 - 110	P	06/11/2025	20:35	LB136121
CCV04	Iron	128000	125000	103	90 - 110	P	06/11/2025	21:16	LB136121
	Silver	509	500	102	90 - 110	P	06/11/2025	21:16	LB136121
CCV05	Iron	128000	125000	103	90 - 110	P	06/11/2025	21:34	LB136121
	Silver	525	500	105	90 - 110	P	06/11/2025	21:34	LB136121



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Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2234

Contract: JACO05

Lab Code: CHEM

Case No.: Q2234

SAS No.: Q2234

Initial Calibration Source: _____

Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI	Iron	51.8	50.0	104	70 - 130	P	06/11/2025	19:39	LB136121
	Silver	1.02	1.0	102	70 - 130	P	06/11/2025	19:39	LB136121

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234
ICS Source: EPA **Instrument ID:** P7

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	Iron	103000	100000	103	0	0	06/11/2025	19:10	LB136121
	Silver	0.050			-2	2	06/11/2025	19:10	LB136121
ICSAB01	Iron	102000	100000	102	0	0	06/11/2025	19:13	LB136121
	Silver	20.3	18.0	113	15.3	20.7	06/11/2025	19:13	LB136121



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>JACOBS Engineering Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2234</u>
contract: <u>JACO05</u>	lab code: <u>CHEM</u>	case no.: <u>Q2234</u> sas no.: <u>Q2234</u>
matrix: <u>Water</u>	sample id: <u>Q2234-01</u>	client id: <u>MW-17B-55-060425MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2234-02</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26600		6790		25000	79		P
Silver	ug/L	75 - 125	82.8		1.00	U	500	17	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>JACOBS Engineering Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2234</u>
contract: <u>JACO05</u>	lab code: <u>CHEM</u>	case no.: <u>Q2234</u> sas no.: <u>Q2234</u>
matrix: <u>Water</u>	sample id: <u>Q2234-01</u>	client id: <u>MW-17B-55-060425MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2234-03</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26600		6790		25000	79		P
Silver	ug/L	75 - 125	82.4		1.00	U	500	16	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>JACOBS Engineering Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2234</u>
contract: <u>JACO05</u>	lab code: <u>CHEM</u>	case no.: <u>Q2234</u> sas no.: <u>Q2234</u>
matrix: <u>Water</u>	sample id: <u>Q2234-08</u>	client id: <u>MW-17B-55-060425MS</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2234-09</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	27300		6980		25000	81		P
Silver	ug/L	75 - 125	85.4		1.00	U	500	17	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>JACOBS Engineering Group, Inc.</u>	level: <u>low</u>	sdg no.: <u>Q2234</u>
contract: <u>JACO05</u>	lab code: <u>CHEM</u>	case no.: <u>Q2234</u> sas no.: <u>Q2234</u>
matrix: <u>Water</u>	sample id: <u>Q2234-08</u>	client id: <u>MW-17B-55-060425MSD</u>
Percent Solids for Sample: <u>NA</u>	Spiked ID: <u>Q2234-10</u>	Percent Solids for Spike Sample: <u>NA</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26900		6980		25000	80		P
Silver	ug/L	75 - 125	85.7		1.00	U	500	17	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234
Matrix: Water **Level:** LOW **Client ID:** MW-17B-55-060425A
Sample ID: Q2234-01 **Spiked ID:** Q2234-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	82.0		1.00	U	500	16	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2234

Contract: JACO05

Lab Code: CHEM

Case No.: Q2234

SAS No.: Q2234

Matrix: Water

Level: LOW

Client ID: MW-17B-55-060425A

Sample ID: Q2234-08

Spiked ID: Q2234-08A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	84.7		1.00	U	500	17	N	P

A
B
C
D
E
F
G
H
I
J

Metals

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DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234
Matrix: Water **Sample ID:** Q2234-01 **Client ID:** MW-17B-55-060425DUP
Percent Solids for Sample: NA **Duplicate ID** Q2234-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	6790		6740		1		P
Silver	ug/L	20	1.00	U	1.00	U			P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>JACOBS Engineering Group, Inc.</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q2234</u>
Contract:	<u>JACO05</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2234</u>
Matrix:	<u>Water</u>	Sample ID:	<u>Q2234-02</u>	Client ID:	<u>MW-17B-55-060425MSD</u>
Percent Solids for Sample:	NA	Duplicate ID	Q2234-03	Percent Solids for Spike Sample:	NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	26600		26600		0		P
Silver	ug/L	20	82.8		82.4		0		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234
Matrix: Water **Sample ID:** Q2234-08 **Client ID:** MW-17B-55-060425DUP
Percent Solids for Sample: NA **Duplicate ID** Q2234-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	6980		7010		0		P
Silver	ug/L	20	1.00	U	1.00	U			P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234
Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234
Matrix: Water **Sample ID:** Q2234-09 **Client ID:** MW-17B-55-060425MSD
Percent Solids for Sample: NA **Duplicate ID** Q2234-10 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	27300		26900		1		P
Silver	ug/L	20	85.4		85.7		0		P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2234

Contract: JACO05

Lab Code: CHEM

Case No.: Q2234

SAS No.: Q2234

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168360BS							
Iron	ug/L	25000	23800		95	80 - 120	P
Silver	ug/L	500	493		99	80 - 120	P

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1800	100		100		100		100		100	
S2	S2	1807	100		104		100		100		101	
S3	S3	1814	104		105		103		104		103	
S4	S4	1818	103		105		103		102		103	
S5	S5	1821	103		103		101		99		102	
S6	S6	1824	102		101		103		101		107	
S7	S7	1827	100		101		103		99		107	
S8	S8	1830	101		105		103		96		104	
ICV01	ICV01	1848	97		103		103		103		104	
LLICV01	LLICV01	1900	96		105		104		103		102	
ICB01	ICB01	1907	96		103		104		102		103	
ICSA01	ICSA01	1910	97		104		103		101		107	
ICSAB01	ICSAB01	1913	96		103		105		101		110	
CCV01	CCV01	1929	93		102		103		98		104	
CCB01	CCB01	1935	97		104		105		103		105	
CRI	CRI	1939	97		103		104		103		105	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	103		109		108		102		110	
CCB02	CCB02	1958	99		104		106		104		106	
PB168360BL	PB168360BL	2002	99		104		106		105		108	
PB168360BS	PB168360BS	2005	100		107		108		104		110	
Q2234-01	MW-17B-55-0	2009	107		119		118		117		121	
Q2234-01DUP	MW-17B-55-0	2012	104		118		119		118		121	
Q2234-01L	MW-17B-55-0	2016	96		109		110		109		112	
Q2234-02	MW-17B-55-0	2019	104		120		120		114		122	
Q2234-03	MW-17B-55-0	2022	104		117		119		117		121	
Q2234-01A	MW-17B-55-0	2025	103		118		120		115		122	
Q2234-05	MW-18B-56-0	2028	102		119		119		119		120	
Q2234-06	MW-18B-56-0	2031	102		117		122		118		122	
CCV03	CCV03	2035	95		107		110		102		113	
CCB03	CCB03	2041	95		103		106		105		108	
Q2234-07	MW-19B-72-0	2044	97		109		110		108		113	
Q2234-08	MW-17B-55-0	2047	101		120		122		115		124	
Q2234-08DUP	MW-17B-55-0	2051	105		119		121		117		122	
Q2234-08L	MW-17B-55-0	2054	93		108		110		108		112	

Internal Standard %RI Limit: 70 - 130

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JAC005

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
Q2234-09	MW-17B-55-0	2057	105		121		121		117		122	
Q2234-10	MW-17B-55-0	2100	104		117		120		114		121	
Q2234-08A	MW-17B-55-0	2103	104		117		122		117		124	
Q2234-11	MW-18B-56-0	2106	101		121		121		121		125	
Q2234-12	MW-18B-56-0	2110	101		119		122		119		124	
Q2234-13	MW-19B-72-0	2113	101		117		121		117		122	
CCV04	CCV04	2116	93		108		112		104		115	
CCB04	CCB04	2123	93		107		109		108		110	

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1800	100		100		100		100		100	
S2	S2	1807	101		100		100		99		101	
S3	S3	1814	103		102		102		105		104	
S4	S4	1818	100		100		100		103		101	
S5	S5	1821	100		100		99		103		104	
S6	S6	1824	102		100		99		104		103	
S7	S7	1827	102		103		100		106		107	
S8	S8	1830	103		102		95		105		105	
ICV01	ICV01	1848	102		103		103		105		105	
LLICV01	LLICV01	1900	101		103		103		105		104	
ICB01	ICB01	1907	101		102		103		104		105	
ICSA01	ICSA01	1910	101		102		100		105		106	
ICSAB01	ICSAB01	1913	101		102		100		106		106	
CCV01	CCV01	1929	104		104		98		106		106	
CCB01	CCB01	1935	101		103		103		104		105	
CRI	CRI	1939	100		103		103		104		104	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	106		107		100		107		109	
CCB02	CCB02	1958	103		104		104		105		105	
PB168360BL	PB168360BL	2002	102		104		104		105		106	
PB168360BS	PB168360BS	2005	105		105		103		109		109	
Q2234-01	MW-17B-55-0	2009	114		115		114		116		117	
Q2234-01DUP	MW-17B-55-0	2012	114		116		115		117		118	
Q2234-01L	MW-17B-55-0	2016	105		108		107		108		109	
Q2234-02	MW-17B-55-0	2019	114		114		112		117		117	
Q2234-03	MW-17B-55-0	2022	113		115		112		117		116	
Q2234-01A	MW-17B-55-0	2025	114		115		113		118		118	
Q2234-05	MW-18B-56-0	2028	113		115		114		118		118	
Q2234-06	MW-18B-56-0	2031	112		116		114		118		117	
CCV03	CCV03	2035	105		106		100		108		109	
CCB03	CCB03	2041	102		104		103		105		106	
Q2234-07	MW-19B-72-0	2044	86		88		87		90		89	
Q2234-08	MW-17B-55-0	2047	115		117		115		118		119	
Q2234-08DUP	MW-17B-55-0	2051	114		117		115		119		120	
Q2234-08L	MW-17B-55-0	2054	105		109		108		110		110	

Internal Standard %RI Limit: 70 - 130

FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc.

Contract: JAC005

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q2234-09	MW-17B-55-0	2057	113		116		113		119		119	
Q2234-10	MW-17B-55-0	2100	115		115		113		118		118	
Q2234-08A	MW-17B-55-0	2103	115		116		113		119		118	
Q2234-11	MW-18B-56-0	2106	116		117		116		120		120	
Q2234-12	MW-18B-56-0	2110	114		117		115		120		119	
Q2234-13	MW-19B-72-0	2113	113		116		114		119		120	
CCV04	CCV04	2116	106		109		103		109		111	
CCB04	CCB04	2123	105		106		107		110		110	

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1800	100		100							
S2	S2	1807	99		101							
S3	S3	1814	103		105							
S4	S4	1818	102		105							
S5	S5	1821	105		105							
S6	S6	1824	105		106							
S7	S7	1827	106		105							
S8	S8	1830	105		98							
ICV01	ICV01	1848	103		104							
LLICV01	LLICV01	1900	105		104							
ICB01	ICB01	1907	101		103							
ICSA01	ICSA01	1910	105		103							
ICSAB01	ICSAB01	1913	108		106							
CCV01	CCV01	1929	104		99							
CCB01	CCB01	1935	105		104							
CRI	CRI	1939	105		104							
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	111		104							
CCB02	CCB02	1958	106		104							
PB168360BL	PB168360BL	2002	109		107							
PB168360BS	PB168360BS	2005	109		107							
Q2234-01	MW-17B-55-06	2009	120		118							
Q2234-01DUP	MW-17B-55-06	2012	119		117							
Q2234-01L	MW-17B-55-06	2016	110		110							
Q2234-02	MW-17B-55-06	2019	122		117							
Q2234-03	MW-17B-55-06	2022	123		117							
Q2234-01A	MW-17B-55-06	2025	120		118							
Q2234-05	MW-18B-56-06	2028	123		118							
Q2234-06	MW-18B-56-06	2031	122		117							
CCV03	CCV03	2035	112		105							
CCB03	CCB03	2041	108		107							
Q2234-07	MW-19B-72-06	2044	112		110							
Q2234-08	MW-17B-55-06	2047	123		119							

Internal Standard %RI Limit: 70 -130

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
Q2234-08DUP	MW-17B-55-06	2051	123		121							
Q2234-08L	MW-17B-55-06	2054	111		110							
Q2234-09	MW-17B-55-06	2057	124		120							
Q2234-10	MW-17B-55-06	2100	122		119							
Q2234-08A	MW-17B-55-06	2103	123		120							
Q2234-11	MW-18B-56-06	2106	125		121							
Q2234-12	MW-18B-56-06	2110	125		120							
Q2234-13	MW-19B-72-06	2113	123		120							
CCV04	CCV04	2116	114		106							
CCB04	CCB04	2123	110		109							

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1800	100									
S2	S2	1807	100									
S3	S3	1814	103									
S4	S4	1818	103									
S5	S5	1821	103									
S6	S6	1824	102									
S7	S7	1827	103									
S8	S8	1830	95									
ICV01	ICV01	1848	104									
LLICV01	LLICV01	1900	103									
ICB01	ICB01	1907	103									
ICSA01	ICSA01	1910	102									
ICSAB01	ICSAB01	1913	103									
CCV01	CCV01	1929	98									
CCB01	CCB01	1935	103									
CRI	CRI	1939	103									
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	101									
CCB02	CCB02	1958	104									
PB168360BL	PB168360BL	2002	105									
PB168360BS	PB168360BS	2005	104									
Q2234-01	MW-17B-55-06	2009	116									
Q2234-01DUP	MW-17B-55-06	2012	115									
Q2234-01L	MW-17B-55-06	2016	108									
Q2234-02	MW-17B-55-06	2019	113									
Q2234-03	MW-17B-55-06	2022	114									
Q2234-01A	MW-17B-55-06	2025	114									
Q2234-05	MW-18B-56-06	2028	114									
Q2234-06	MW-18B-56-06	2031	113									
CCV03	CCV03	2035	100									
CCB03	CCB03	2041	105									
Q2234-07	MW-19B-72-06	2044	88									
Q2234-08	MW-17B-55-06	2047	116									

Internal Standard %RI Limit: 70 -130

FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab Code: CHEM Case no.: Q2234

Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7

Start Date : 06/11/2025

Run Number: LB136121

End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
Q2234-08DUP	MW-17B-55-06	2051	117									
Q2234-08L	MW-17B-55-06	2054	109									
Q2234-09	MW-17B-55-06	2057	115									
Q2234-10	MW-17B-55-06	2100	115									
Q2234-08A	MW-17B-55-06	2103	114									
Q2234-11	MW-18B-56-06	2106	116									
Q2234-12	MW-18B-56-06	2110	115									
Q2234-13	MW-19B-72-06	2113	115									
CCV04	CCV04	2116	103									
CCB04	CCB04	2123	107									

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MW-17B-55-060425L

Lab Name: Chemtech Consulting Group **Contract:** JACO05

Lab Code: CHEM **Lb No.:** lb136121 **Lab Sample ID :** Q2234-01L **SDG No.:** Q2234

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Iron	6790	C	6620	C	3		P
Silver	1.00	U	5.00	U			P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

MW-17B-55-060425L

Lab Name: Chemtech Consulting Group **Contract:** JACO05
Lab Code: CHEM **Lb No.:** lb136121 **Lab Sample ID :** Q2234-08L **SDG No.:** Q2234
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
Iron	6980	C	6960	C	0		P
Silver	1.00	U	5.00	U			P

metals
- 14 -
ANALYSIS RUN LOG

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab code: CHEM **Case no.:** Q2234 **Sas no.:** Q2234

Sdg no.: Q2234

Instrument id number: **Method:**

Run number: LB136121

Start date: 06/11/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1800	Fe,Ag
S2	S2	1	1807	Fe,Ag
S3	S3	1	1814	Fe,Ag
S4	S4	1	1818	Fe,Ag
S5	S5	1	1821	Fe,Ag
S6	S6	1	1824	Fe,Ag
S7	S7	1	1827	Fe,Ag
S8	S8	1	1830	Fe
ICV01	ICV01	1	1848	Fe,Ag
LLICV01	LLICV01	1	1900	Fe,Ag
ICB01	ICB01	1	1907	Fe,Ag
ICSA01	ICSA01	1	1910	Fe,Ag
ICSAB01	ICSAB01	1	1913	Fe,Ag
CCV01	CCV01	1	1929	Fe,Ag
CCB01	CCB01	1	1935	Fe,Ag
CRI	CRI	1	1939	Fe,Ag
CCV02	CCV02	1	1952	Fe,Ag
CCB02	CCB02	1	1958	Fe,Ag
PB168360BL	PB168360BL	1	2002	Ag,Fe
PB168360BS	PB168360BS	1	2005	Ag,Fe
Q2234-01	MW-17B-55-060425	1	2009	Ag
Q2234-01DUP	MW-17B-55-060425DUP	1	2012	Ag,Fe
Q2234-01L	MW-17B-55-060425L	5	2016	Ag,Fe
Q2234-02	MW-17B-55-060425MS	1	2019	Ag,Fe
Q2234-03	MW-17B-55-060425MSD	1	2022	Ag,Fe
Q2234-01A	MW-17B-55-060425A	1	2025	Ag
Q2234-05	MW-18B-56-060425	1	2028	Ag
Q2234-06	MW-18B-56-060425-FD	1	2031	Ag
CCV03	CCV03	1	2035	Fe,Ag
CCB03	CCB03	1	2041	Fe,Ag
Q2234-07	MW-19B-72-060425	1	2044	Ag
Q2234-08	MW-17B-55-060425	1	2047	Fe
Q2234-08DUP	MW-17B-55-060425DUP	1	2051	Ag,Fe
Q2234-08L	MW-17B-55-060425L	5	2054	Ag,Fe
Q2234-09	MW-17B-55-060425MS	1	2057	Ag,Fe
Q2234-10	MW-17B-55-060425MSD	1	2100	Ag,Fe
Q2234-08A	MW-17B-55-060425A	1	2103	Ag
Q2234-11	MW-18B-56-060425	1	2106	Fe
Q2234-12	MW-18B-56-060425-FD	1	2110	Fe
Q2234-13	MW-19B-72-060425	1	2113	Fe
CCV04	CCV04	1	2116	Fe,Ag

metals
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ANALYSIS RUN LOG

Client: JACOBS Engineering Group, Inc.

Contract: JACO05

Lab code: CHEM **Case no.:** Q2234 **Sas no.:** Q2234

Sdg no.: Q2234

Instrument id number: **Method:**

Run number: LB136121

Start date: 06/11/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB04	CCB04	1	2123	Fe,Ag
CCV05	CCV05	1	2134	Fe,Ag
CCB05	CCB05	1	2145	Fe,Ag



METAL PREPARATION & INSTRUMENT DATA

LAB CHRONICLE

OrderID:	Q2234	OrderDate:	6/5/2025 10:52:00 AM
Client:	JACOBS Engineering Group, Inc.	Project:	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	Location:	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2234-01	MW-17B-55-060425	Water	Metals Group4	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-05	MW-18B-56-060425	Water	Metals Group4	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-06	MW-18B-56-060425-F D	Water	Metals Group4	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-07	MW-19B-72-060425	Water	Metals Group4	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-08	MW-17B-55-060425	Water	Dissolved ICP-Group2	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-11	MW-18B-56-060425	Water	Dissolved ICP-Group2	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-12	MW-18B-56-060425-F D	Water	Dissolved ICP-Group2	6020B	06/04/25	06/09/25	06/11/25	06/05/25
Q2234-13	MW-19B-72-060425	Water	Dissolved ICP-Group2	6020B	06/04/25	06/09/25	06/11/25	06/05/25



METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: JACOBS Engineering Group, Inc.

SDG No.: Q2234

Contract: JACO05

Lab Code: CHEM

Method:

Case No.: Q2234 **SAS No.:** Q2234

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB168360							
PB168360BL	PB168360BL	MB	WATER	06/09/2025	50.0	50.0	
PB168360BS	PB168360BS	LCS	WATER	06/09/2025	50.0	50.0	
Q2234-01	MW-17B-55-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-01DUP	MW-17B-55-060425DUP	DUP	WATER	06/09/2025	50.0	50.0	
Q2234-02	MW-17B-55-060425MS	MS	WATER	06/09/2025	50.0	50.0	
Q2234-03	MW-17B-55-060425MSD	MSD	WATER	06/09/2025	50.0	50.0	
Q2234-05	MW-18B-56-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-06	MW-18B-56-060425-FD	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-07	MW-19B-72-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-08	MW-17B-55-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-08DUP	MW-17B-55-060425DUP	DUP	WATER	06/09/2025	50.0	50.0	
Q2234-09	MW-17B-55-060425MS	MS	WATER	06/09/2025	50.0	50.0	
Q2234-10	MW-17B-55-060425MSD	MSD	WATER	06/09/2025	50.0	50.0	
Q2234-11	MW-18B-56-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-12	MW-18B-56-060425-FD	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-13	MW-19B-72-060425	SAM	WATER	06/09/2025	50.0	50.0	

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830		
ICV Standard	MP85839		
CCV Standard	MP85840		
ICSA Standard	MP85841,MP85842		
CRI Standard	MP85837		
LCS Standard			
Chk Standard	MP85844,MP85845		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE	TUNE	06/11/25 17:38		Jaswal	OK
2	S0	S0	CAL1	06/11/25 18:00		Jaswal	OK
3	S2	S2	CAL3	06/11/25 18:07		Jaswal	OK
4	S3	S3	CAL4	06/11/25 18:14		Jaswal	OK
5	S4	S4	CAL5	06/11/25 18:18		Jaswal	OK
6	S5	S5	CAL6	06/11/25 18:21		Jaswal	OK
7	S6	S6	CAL7	06/11/25 18:24		Jaswal	OK
8	S7	S7	CAL8	06/11/25 18:27		Jaswal	OK
9	S8	S8	CAL9	06/11/25 18:30		Jaswal	OK
10	ICV01	ICV01	ICV	06/11/25 18:48		Jaswal	OK
11	LLICV01	LLICV01	LLICV	06/11/25 19:00		Jaswal	OK
12	ICB01	ICB01	ICB	06/11/25 19:07		Jaswal	OK
13	ICSA01	ICSA01	ICSA	06/11/25 19:10		Jaswal	OK
14	ICSAB01	ICSAB01	ICSAB	06/11/25 19:13		Jaswal	OK
15	CCV01	CCV01	CCV	06/11/25 19:29		Jaswal	OK
16	CCB01	CCB01	CCB	06/11/25 19:35		Jaswal	OK
17	CRI	CRI	CRDL	06/11/25 19:39		Jaswal	OK
18	Q2218-03DL	3309DL	SAM	06/11/25 19:42	K High , INT_STD 45Sc(1) Fail	Jaswal	Dilution

Instrument ID: P7

Daily Analysis Runlog For Sequence/QC Batch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM
STD. NAME	STD REF.#		
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830		
ICV Standard	MP85839		
CCV Standard	MP85840		
ICSA Standard	MP85841,MP85842		
CRI Standard	MP85837		
LCS Standard			
Chk Standard	MP85844,MP85845		

19	Q2218-03DL2	3309DL2	SAM	06/11/25 19:48	50X For K, 50X for INT_STD 45Sc(1)	Jaswal	Confirms
20	CCV02	CCV02	CCV	06/11/25 19:52		Jaswal	OK
21	CCB02	CCB02	CCB	06/11/25 19:58		Jaswal	OK
22	PB168360BL	PB168360BL	MB	06/11/25 20:02		Jaswal	OK
23	PB168360BS	PB168360BS	LCS	06/11/25 20:05		Jaswal	OK
24	Q2234-01	MW-17B-55-060425	SAM	06/11/25 20:09		Jaswal	OK
25	Q2234-01DUP	MW-17B-55-060425D	DUP	06/11/25 20:12		Jaswal	OK
26	Q2234-01L	MW-17B-55-060425L	SD	06/11/25 20:16		Jaswal	OK
27	Q2234-02	MW-17B-55-060425M	MS	06/11/25 20:19		Jaswal	OK
28	Q2234-03	MW-17B-55-060425M	MSD	06/11/25 20:22		Jaswal	OK
29	Q2234-01A	MW-17B-55-060425A	PS	06/11/25 20:25		Jaswal	OK
30	Q2234-05	MW-18B-56-060425	SAM	06/11/25 20:28		Jaswal	OK
31	Q2234-06	MW-18B-56-060425-F	SAM	06/11/25 20:31		Jaswal	OK
32	CCV03	CCV03	CCV	06/11/25 20:35		Jaswal	OK
33	CCB03	CCB03	CCB	06/11/25 20:41		Jaswal	OK
34	Q2234-07	MW-19B-72-060425	SAM	06/11/25 20:44		Jaswal	OK
35	Q2234-08	MW-17B-55-060425	SAM	06/11/25 20:47		Jaswal	OK
36	Q2234-08DUP	MW-17B-55-060425D	DUP	06/11/25 20:51		Jaswal	OK
37	Q2234-08L	MW-17B-55-060425L	SD	06/11/25 20:54		Jaswal	OK

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830
ICV Standard	MP85839
CCV Standard	MP85840
ICSA Standard	MP85841,MP85842
CRI Standard	MP85837
LCS Standard	
Chk Standard	MP85844,MP85845

38	Q2234-09	MW-17B-55-060425M	MS	06/11/25 20:57		Jaswal	OK
39	Q2234-10	MW-17B-55-060425M	MSD	06/11/25 21:00		Jaswal	OK
40	Q2234-08A	MW-17B-55-060425A	PS	06/11/25 21:03		Jaswal	OK
41	Q2234-11	MW-18B-56-060425	SAM	06/11/25 21:06		Jaswal	OK
42	Q2234-12	MW-18B-56-060425-F	SAM	06/11/25 21:10		Jaswal	OK
43	Q2234-13	MW-19B-72-060425	SAM	06/11/25 21:13		Jaswal	OK
44	CCV04	CCV04	CCV	06/11/25 21:16		Jaswal	OK
45	CCB04	CCB04	CCB	06/11/25 21:23		Jaswal	OK
46	Q2250-05	EB02-060525	SAM	06/11/25 21:27		Jaswal	OK
47	Q2250-07	EB02-060525	SAM	06/11/25 21:30		Jaswal	OK
48	CCV05	CCV05	CCV	06/11/25 21:34		Jaswal	OK
49	CCB05	CCB05	CCB	06/11/25 21:45		Jaswal	OK

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID : ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

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

Start Digest Date: 06/09/2025 Time : 12:20 Temp : 96 °C

End Digest Date: 06/09/2025 Time : 14:14 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: S/29.

Supervisor Signature: JEP

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
Spike Sol 1	0.50	MP85846
Spike Sol 2	1.00	MP85847
Spike Sol 3	1.00	MP85848
Spike Sol 4	1.00	MP85849
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
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:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/09/25 15:15	S/29. met. dig	JEP Met Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168360BL	PBW360	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	16
PB168360BS	LCS360	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	17
Q2218-03	3309	<2	50	50	Pink	ligh Brown	Clear	Clear	N/A	18
Q2234-01DUP	MW-17B-55-060425DUP	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	20
Q2234-01	MW-17B-55-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	19
Q2234-02	Q2234-01MS	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	21
Q2234-03	Q2234-01MSD	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	22
Q2234-05	MW-18B-56-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	23
Q2234-06	MW-18B-56-060425-FD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	24
Q2234-07	MW-19B-72-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	25
Q2234-08	MW-17B-55-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	26
Q2234-09	Q2234-08MS	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	27
Q2234-10	Q2234-08MSD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	28
Q2234-11	MW-18B-56-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	29
Q2234-12	MW-18B-56-060425-FD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	30
Q2234-13	MW-19B-72-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	31
Q2250-05	EB02-060525	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	32
Q2250-07	EB02-060525	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	33