

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

LAB CHRONICLE

OrderID:	Q2848	OrderDate:	8/13/2025 12:26:00 PM
Client:	Aramark Uniforms	Project:	Monthly 2025
Contact:	Jarrod Mills	Location:	J33

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2848-01	Grab	WATER			08/13/25 12:03			08/13/25
			TPH	1664A			08/15/25 09:10	
Q2848-02	Comp	WATER			08/13/25 12:06			08/13/25
			BOD5	SM5210 B			08/14/25 09:50	
			TSS	SM2540 D			08/15/25 10:00	



SAMPLE DATA

Report of Analysis

Client:	Aramark Uniforms	Date Collected:	08/13/25 12:03
Project:	Monthly 2025	Date Received:	08/13/25
Client Sample ID:	Grab	SDG No.:	Q2848
Lab Sample ID:	Q2848-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TPH	25.7		1	0.29	5.00	mg/L		08/15/25 09:10	1664A

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:	Aramark Uniforms	Date Collected:	08/13/25 12:06
Project:	Monthly 2025	Date Received:	08/13/25
Client Sample ID:	Comp	SDG No.:	Q2848
Lab Sample ID:	Q2848-02	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
BOD5	150		1	0.20	2.00	mg/L		08/14/25 09:50	SM 5210 B-16
TSS	7.90		1	1.00	4.00	mg/L		08/15/25 10:00	SM 2540 D-20

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

Preparation Blank Summary

Client: Aramark Uniforms

SDG No.: Q2848

Project: Monthly 2025

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: BOD5	LB136821BL mg/L	< 0.2000	0.2000	U	0.20	2.0	08/14/2025
Sample ID: TPH	LB136827BL mg/L	< 2.5000	2.5000	U	0.29	5.0	08/15/2025
Sample ID: TSS	LB136829BL mg/L	1	2.0000	J	1	4	08/15/2025

Duplicate Sample Summary

Client: Aramark Uniforms	SDG No.: Q2848
Project: Monthly 2025	Sample ID: LB136827BS
Client ID: LB136827BSD	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
TPH	mg/L	+/-18	17.0		17.0		1	0		08/15/2025

Duplicate Sample Summary

Client: Aramark Uniforms	SDG No.: Q2848
Project: Monthly 2025	Sample ID: Q2835-02
Client ID: Pilot PlantDUP	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
TSS	mg/L	+/-5	1.00	U	1.00	U	1	0		08/15/2025

Duplicate Sample Summary

Client: Aramark Uniforms Project: Monthly 2025 Client ID: CompDUP	SDG No.: Q2848 Sample ID: Q2848-02 Percent Solids for Spike Sample: 0
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Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
BOD5	mg/L	+/-20	150		140		1	6.9		08/14/2025

Laboratory Control Sample Summary

Client: Aramark Uniforms

SDG No.: Q2848

Project: Monthly 2025

Run No.: LB136821

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136821BS							
BOD5	mg/L	198	206		104	1	84.6-115.4	08/14/2025

Laboratory Control Sample Summary

Client: Aramark Uniforms

SDG No.: Q2848

Project: Monthly 2025

Run No.: LB136827

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136827BS							
TPH	mg/L	20.0	17.0		85	1	78-114	08/15/2025

Laboratory Control Sample Summary

Client: Aramark Uniforms

SDG No.: Q2848

Project: Monthly 2025

Run No.: LB136827

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136827BSD							
TPH	mg/L	20.0	17.0		85	1	78-114	08/15/2025

Laboratory Control Sample Summary

Client: Aramark Uniforms

SDG No.: Q2848

Project: Monthly 2025

Run No.: LB136829

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB136829BS							
TSS	mg/L	550	532		97	1	90-110	08/15/2025



RAW DATA

BOD5 LOG

ANALYST: rubin
Inst Id :DO METER
LB :LB136821

Reviewed By:jignesh
On:8/19/2025 9:23:21
AM

SUPERVISOR: jignesh

QC BATCH ID: LB136821

Analysis Date: 08/14/2025

BOD Water: WP114280

MANGANOUS SULFATE SOLUTION: W3103

Starch: W3149

Alkaline Iodide Azide: W3109

Sulfuric acid, 1N: WP112832

Sodium Thiosulfate, 0.025N: W3105

POLYSEED: WP114282

NaOH, 1N: WP113878

GGA: WP114281

IncubatorID: INCUBATOR #3

Chlorine Strips: W3155

GuageID: 0511064

pH Strips: W3215

Zero DO: WP114055

Lab SampleID	Client ID	Bottle No.	VOL. ML	Initial Reading (ML)	Final Reading (ML)	Difference	Average
WINKLER 1	WINKLER 1	1	300	0.0	9.6	9.6	9.6
WINKLER 2	WINKLER 2	2	300	9.8	19.4	9.6	9.6

Meter Calibration1: 8.72

Zero DO Reading1: 0.15 mg/L (<=0.2 Criteria)

Barometric Pressure1: 755 mmHg

DO Meter BOD fluid reading for winkler comparison: 9.74

After Incubation

Meter Calibration2: 8.48

Zero DO Reading2: 0.14 mg/L (<=0.2 Criteria)

Barometric Pressure2: 765 mmHg

QC BATCH ID: LB136821

INCUBATOR TEMP IN(C): 20.0

INCUBATOR TEMP OUT(C): 19.8

TIME IN: 09:50

TIME OUT: 08:15

DATE IN: 08/14/2025

DATE OUT: 08/19/2025

Lab SampleID	Bottle No.	Check CL	Initial PH	Final PH	Temp °C	Sam Vol. (mL)	D.O.1 Initial	D.O.2 Final	Depletion	BOD Result (mg/L)	Avg Result (mg/L)	Comment
LB136821BL	1	No	6.58	N/A	20.90	300	9.73	9.72	0.01	0.01	0.01	
POLYSEED	1					10	9.58	6.61	2.97	0.59	0.62	
POLYSEED	2					15	9.55	4.79	4.76	0.63		
POLYSEED	3					20	9.52	3.02	6.5	0.65		
GGA	1					6	9.55	4.98	4.57	197.5	206.17	
GGA	2					6	9.52	4.70	4.82	210		
GGA	3					6	9.51	4.67	4.84	211		
Q2835-01	1	No	7.28	N/A	20.70	5	9.68	8.94	-	0		
Q2835-01	2					20	9.63	8.87	-	0		
Q2835-01	3					50	9.61	8.57	-	0		
Q2835-01	4					150	9.50	8.28	-	0		
Q2835-02	1	No	6.54	N/A	20.80	5	9.65	1.01	8.64	481.2	481.2	
Q2835-02	2					20	9.62	0.49	-	0		
Q2835-02	3					50	9.55	0.28	-	0		
Q2835-02	4					150	9.50	0.20	-	0		
Q2837-01	1	No	11.79	6.95	20.70	5	9.70	8.93	-	0	25.92	pH Adjusted
Q2837-01	2					20	9.57	8.02	-	0		
Q2837-01	3					50	9.37	4.43	4.94	25.92		
Q2837-01	4					150	8.69	0.72	-	0		
Q2848-02	1	No	6.53	N/A	20.00	5	9.58	8.68	-	0	150	
Q2848-02	2					10	9.54	8.32	-	0		
Q2848-02	3					20	9.50	7.60	-	0		
Q2848-02	4					30	9.44	7.32	2.12	150		
Q2848-02DUP	1	No	6.53	N/A	20.00	5	9.59	8.92	-	0	140	
Q2848-02DUP	2					10	9.55	8.21	-	0		
Q2848-02DUP	3					20	9.52	7.79	-	0		
Q2848-02DUP	4					30	9.46	7.44	2.02	140		
Q2862-01	1	No	7.12	N/A	20.40	5	9.69	8.85	-	0	7.24	
Q2862-01	2					20	9.67	8.72	-	0		
Q2862-01	3					50	9.69	8.01	-	0		
Q2862-01	4					150	9.41	5.17	4.24	7.24		
Q2862-03	1	No	6.98	N/A	20.40	5	9.69	8.48	-	0	11.24	
Q2862-03	2					20	9.68	7.98	-	0		
Q2862-03	3					50	9.64	7.28	2.36	10.44		
Q2862-03	4					150	9.62	2.98	6.64	12.04		
Q2862-05	1	No	6.92	N/A	20.50	5	9.71	8.68	-	0	11.42	
Q2862-05	2					20	9.62	8.02	-	0		
Q2862-05	3					50	9.60	7.35	2.25	9.78		
Q2862-05	4					150	9.50	2.35	7.15	13.06		

NOTE: 2ml POLYSEED added to GGA and all the Samples, but not in Blank.

NOTE (For, CBOD5): 0.16 g Nitrification Inhibitor added to GGA and all the Samples, but not in Blank.

WORKLIST(Hardcopy Internal Chain)

6136821

WorkList Name : BOD5-8-12 WorkList ID : 191233 Department : Wet-Chemistry Date : 08-12-2025 15:33:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2848-02	Comp	Water	BOD5	Cool 4 deg C	ARAM01	J33	08/13/2025	SM5210 B
Q2862-01	DSN002	Water	BOD5	Cool 4 deg C	PSEG04	J41	08/13/2025	SM5210 B
Q2862-03	DSN001	Water	BOD5	Cool 4 deg C	PSEG04	J41	08/13/2025	SM5210 B
Q2862-05	DSN003	Water	BOD5	Cool 4 deg C	PSEG04	J41	08/13/2025	SM5210 B
Q2835-01	Manufacturing	Water	BOD5	Cool 4 deg C	SCIE01	J21	08/12/2025	SM5210 B
Q2835-02	Pilot Plant	Water	BOD5	Cool 4 deg C	SCIE01	J21	08/12/2025	SM5210 B
Q2837-01	TW-WTS-13	Water	BOD5	Cool 4 deg C	ENTA05	J23	08/12/2025	SM5210 B

Date/Time 08/14/2025 08.00
 Raw Sample Received by: RYCWG
 Raw Sample Relinquished by: RYCWG

Date/Time 08/14/2025 10.1
 Raw Sample Received by: RYCWG
 Raw Sample Relinquished by: RYCWG

Instrument ID: DO METER

Daily Analysis Runlog For Sequence/QC Batch ID # LB136821

Review By	rubina	Review On	8/19/2025 9:22:16 AM
Supervise By	jignesh	Supervise On	8/19/2025 9:23:21 AM
SubDirectory	LB136821	Test	BOD5
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	WP114280,W3149,WP112832,W3103,W3109,W3105,WP114282,WP114281,WP113878		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136821BL	LB136821BL	MB	08/14/25 09:50		rubina	OK
2	LB136821BS	LB136821BS	LCS	08/14/25 09:50		rubina	OK
3	Q2835-01	Manufacturing	SAM	08/14/25 09:50		rubina	OK
4	Q2835-02	Pilot Plant	SAM	08/14/25 09:50		rubina	OK
5	Q2837-01	TW-WTS-13	SAM	08/14/25 09:50		rubina	OK
6	Q2848-02	Comp	SAM	08/14/25 09:50		rubina	OK
7	Q2848-02DUP	CompDUP	DUP	08/14/25 09:50		rubina	OK
8	Q2862-01	DSN002	SAM	08/14/25 09:50		rubina	OK
9	Q2862-03	DSN001	SAM	08/14/25 09:50		rubina	OK
10	Q2862-05	DSN003	SAM	08/14/25 09:50		rubina	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136827

Review By	jignesh	Review On	8/15/2025 9:30:47 AM
Supervise By	rubina	Supervise On	8/15/2025 10:01:03 AM
SubDirectory	LB136827	Test	TPH
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	W3204,M6069,EP2629,WP112782,W3079,NA,WP112783,WP112784,NA		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136827BL	LB136827BL	MB	08/15/25 09:10		jignesh	OK
2	LB136827BS	LB136827BS	LCS	08/15/25 09:10		jignesh	OK
3	LB136827BSD	LB136827BSD	LCSD	08/15/25 09:10		jignesh	OK
4	Q2848-01	Grab	SAM	08/15/25 09:10		jignesh	OK
5	Q2859-01	402	SAM	08/15/25 09:10		jignesh	OK

Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QC Batch ID # LB136829

Review By	jignesh	Review On	8/15/2025 3:56:51 PM
Supervise By	rubina	Supervise On	8/15/2025 4:00:44 PM
SubDirectory	LB136829	Test	TSS
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	LB136829BL	LB136829BL	MB	08/15/25 10:00		jignesh	OK
2	LB136829BS	LB136829BS	LCS	08/15/25 10:00		jignesh	OK
3	Q2835-01	Manufacturing	SAM	08/15/25 10:00		jignesh	OK
4	Q2835-02	Pilot Plant	SAM	08/15/25 10:00		jignesh	OK
5	Q2835-02DUP	Pilot PlantDUP	DUP	08/15/25 10:00		jignesh	OK
6	Q2837-01	TW-WTS-13	SAM	08/15/25 10:00		jignesh	OK
7	Q2845-01	001 willets Pt Blvd(july)	SAM	08/15/25 10:00		jignesh	OK
8	Q2845-04	002 35th Ave (july)	SAM	08/15/25 10:00		jignesh	OK
9	Q2848-02	Comp	SAM	08/15/25 10:00		jignesh	OK
10	Q2860-01	TOWER#1	SAM	08/15/25 10:00		jignesh	OK
11	Q2860-02	TOWER#2	SAM	08/15/25 10:00		jignesh	OK
12	Q2862-01	DSN002	SAM	08/15/25 10:00		jignesh	OK
13	Q2862-03	DSN001	SAM	08/15/25 10:00		jignesh	OK
14	Q2862-05	DSN003	SAM	08/15/25 10:00		jignesh	OK



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Atamark uniforms
ADDRESS: 740 Frelinghuysen Ave
CITY Newark STATE: NJ ZIP 07114
ATTENTION: Jarrod Mills
PHONE: 973-824-1101 FAX:

PROJECT NAME: Monthly
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*

*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data ☐ Other _____
☐ EDD FORMAT

1 2 3 4 5 6 7 8 9
TPH
BOD5
TSS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		C	E	E							← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
1.	Grab	W		✓	8-13-25	1203	1	✓										
2.	Comp	W	✓		8-13-25	1206	2		✓	✓								
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: <u>Mandela</u>	DATE/TIME: <u>8-13-25</u>	RECEIVED BY: <u>[Signature]</u> <u>1208</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP <u>3.00</u> °C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2.		2.	
RELINQUISHED BY SAMPLER:	DATE/TIME: <u>1818</u>	RECEIVED BY:	
3.	<u>8-13-25</u>	3.	

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488