SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWA
Lab Sample ID:	FA39286-1
Matrix:	DW - Drinking Water
Method:	EPA 537 EPA 537
Project:	1167017

Date Sampled:	11/29/16
Date Received:	12/06/16
Percent Solids:	n/a

4.1

4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30315.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	101%		70-130%
	13C2-PFDA	104%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWB
Lab Sample ID:	FA39286-2
Matrix:	DW - Drinking Water
Method:	EPA 537 EPA 537
Project:	1167017

Date Sampled:	11/29/16
Date Received:	12/06/16
Percent Solids:	n/a

4.2

4

	File ID	**DF**	**Analyzed**	**By**	**Prep Date**	**Prep Batch**	**Analytical Batch**
Run #1	Q30318.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	**Final Volume**
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	99%		70-130%
	13C2-PFDA	110%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWAD	
Lab Sample ID:	FA39286-3	**Date Sampled:** 11/29/16
Matrix:	DW - Drinking Water	**Date Received:** 12/06/16
Method:	EPA 537 EPA 537	**Percent Solids:** n/a
Project:	1167017	

	File ID	**DF**	**Analyzed**	**By**	**Prep Date**	**Prep Batch**	**Analytical Batch**
Run #1	Q30319.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	**Final Volume**
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	101%		70-130%
	13C2-PFDA	103%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	17327-DWE		
Lab Sample ID:	FA39286-4		
Matrix:	DW - Drinking Water	Date Sampled:	11/29/16
Method:	EPA 537 EPA 537	Date Received:	12/06/16
Project:	1167017	Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30320.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	103%		70-130%
	13C2-PFDA	112%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	17327-DWF			
Lab Sample ID:	FA39286-5		Date Sampled:	11/29/16
Matrix:	DW - Drinking Water		Date Received:	12/06/16
Method:	EPA 537 EPA 537		Percent Solids:	n/a
Project:	1167017			

4.5

4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30321.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume	
Run #1	250 ml	1.0 ml	
Run #2			

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	97%		70-130%
	13C2-PFDA	132% [a]		70-130%

(a) Outside control limits. However, sample was ND.

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWG
Lab Sample ID:	FA39286-6
Matrix:	DW - Drinking Water
Method:	EPA 537 EPA 537
Project:	1167017

Date Sampled:	11/29/16
Date Received:	12/06/16
Percent Solids:	n/a

4.6

4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30322.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	0.00281		0.0080	0.0020	ug/l	J
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	71%		70-130%
	13C2-PFDA	109%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWZ
Lab Sample ID:	FA39286-7
Matrix:	DW - Drinking Water
Method:	EPA 537 EPA 537
Project:	1167017

Date Sampled:	11/29/16
Date Received:	12/06/16
Percent Solids:	n/a

4.7

4

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30323.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	ND		0.0080	0.0020	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	93%		70-130%
	13C2-PFDA	127%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWH		
Lab Sample ID:	FA39286-8		Date Sampled: 11/29/16
Matrix:	DW - Drinking Water		Date Received: 12/06/16
Method:	EPA 537 EPA 537		Percent Solids: n/a
Project:	1167017		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30324.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	0.0132		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	0.00316		0.0080	0.0020	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	101%		70-130%
	13C2-PFDA	107%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWN			
Lab Sample ID:	FA39286-9			
Matrix:	DW - Drinking Water		Date Sampled:	11/29/16
Method:	EPA 537 EPA 537		Date Received:	12/06/16
Project:	1167017		Percent Solids:	n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30325.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume			
Run #1	250 ml	1.0 ml			
Run #2					

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	0.00760		0.0080	0.0020	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	98%		70-130%
	13C2-PFDA	115%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound

SGS Accutest

Report of Analysis

Client Sample ID:	17327-DWM				
Lab Sample ID:	FA39286-10				
Matrix:	DW - Drinking Water		**Date Sampled:**	11/29/16	
Method:	EPA 537 EPA 537		**Date Received:**	12/06/16	
Project:	1167017		**Percent Solids:**	n/a	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Q30326.D	1	12/27/16	NAF	12/13/16	OP63054	SQ802
Run #2							

	Initial Volume	Final Volume
Run #1	250 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
PERFLUOROALKYLCARBOXYLIC ACIDS							
335-67-1	Perfluorooctanoic acid	ND		0.0080	0.0020	ug/l	
PERFLUOROALKYLSULFONATES							
1763-23-1	Perfluorooctanesulfonic acid	0.00541		0.0080	0.0020	ug/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
	13C2-PFHxA	92%		70-130%
	13C2-PFDA	125%		70-130%

ND = Not detected   MDL = Method Detection Limit   J = Indicates an estimated value
MCL = Maximum Contamination Level (40 CFR 141)   B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range   N = Indicates presumptive evidence of a compound