



ACCESS
ANALYTICAL, INC.



Environment Testing



ANALYTICAL REPORT

PREPARED FOR

Attn: Bryant Boyd
Access Analytical Services
15 Thames Valley Road
Irmo, South Carolina 29063

Generated 9/24/2024 4:08:18 PM

JOB DESCRIPTION

City of Rock Hill - 62086

JOB NUMBER

680-256057-1

Eurofins Savannah
5102 LaRoche Avenue
Savannah GA 31404

See page two for job notes and contact information.

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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Method Summary

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method	Method Description	Protocol	Laboratory
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET SAV
Moisture	Percent Moisture	EPA	EET SAV
1633	Solid-Phase Extraction (SPE)	EPA	EET SAV
1633 Shake	Shake Extraction with SPE	EPA	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858



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Case Narrative

Client: Access Analytical Services
Project: City of Rock Hill - 62086

Job ID: 680-256057-1

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Job Narrative
680-256057-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 9/17/2024 9:58 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.9°C.

PFAS

Method 1633: The following sample was diluted due to the nature of the sample matrix: 62086-005 (680-256057-3) at 10x. Elevated reporting limits (RLs) are provided.

Method 1633: The Isotope Dilution Analyte (IDA) recovery associated with the following sample is below the method recommended limit: (LLCS 680-856807/4-A). Generally, data quality is not considered affected if the IDA signal-to-noise ratio is greater than 10:1, which is achieved for all IDA in the sample(s).

Method 1633: The following sample was diluted due to the nature of the sample matrix: 62086-004 (680-256057-2) at 25x. Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.



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Client Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Client Sample ID: 62086-002

Lab Sample ID: 680-256057-1

Date Collected: 09/03/24 11:38

Matrix: WW

Date Received: 09/17/24 09:58

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various per- and polyfluoroalkyl substances and their detection results.

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ACCESS ANALYTICAL, INC.

Client Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Client Sample ID: 62086-004

Lab Sample ID: 680-256057-2

Date Collected: 09/03/24 11:15

Matrix: WW

Date Received: 09/17/24 09:58

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Table with columns: Analyte, Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various per- and polyfluoroalkyl substances and their detection results.

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Client Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Client Sample ID: 62086-005

Lab Sample ID: 680-256057-3

Date Collected: 09/03/24 11:26

Matrix: Solid

Date Received: 09/17/24 09:58

Percent Solids: 21.6

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	16	U	16		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoropentanoic acid (PFPeA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluorohexanoic acid (PFHxA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoroheptanoic acid (PFHpA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluorooctanoic acid (PFOA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluorononanoic acid (PFNA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluorobutanesulfonic acid (PFBS)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoropentanesulfonic acid (PFPeS)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluorohexanesulfonic acid (PFHxS)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	16	U	16		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	16	U	16		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Nonafluoro-3,6-di-oxaheptanoic acid (NFDHA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid(9Cl-PF3ONS)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
11-Chloroicosadecafluoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF3OUdS)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
3-Perfluoropropylpropanoic acid (3.3 FTCA)	16	U	16		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
3-Perfluoropentylpropanoic acid (5.3 FTCA)	39	U	39		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
3-Perfluoroheptylpropanoic acid (7.3 FTCA)	39	U	39		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.8	U	7.8		ug/Kg	☐	09/18/24 15:56	09/19/24 16:01	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	53.0		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C5 PFPeA	65.8		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C5 PFHxA	70.0		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C4 PFHpA	57.6		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C8 PFOA	74.4		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C9 PFNA	86.0		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C3 PFBS	80.5		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C3 PFHxS	67.7		20 - 150				09/18/24 15:56	09/19/24 16:01	1
M2-4.2 FTS	149		20 - 150				09/18/24 15:56	09/19/24 16:01	1
M2-8.2 FTS	69.7		20 - 150				09/18/24 15:56	09/19/24 16:01	1
13C3 HFPO-DA	77.1		20 - 150				09/18/24 15:56	09/19/24 16:01	1

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS - REDL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorodecanoic acid (PFDA)	44	U	44		ug/Kg	☐	09/20/24 10:34	09/20/24 23:01	1
Perfluoroundecanoic acid (PFUnA)	44	U	44		ug/Kg	☐	09/20/24 10:34	09/20/24 23:01	1

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ACCESS ANALYTICAL, INC.

QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 680-856490/1-A
Matrix: Water
Analysis Batch: 856520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 856490

Table with columns: Analyte, MB MB Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various perfluorinated compounds and their detection results.

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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 680-856490/2-A
Matrix: Water
Analysis Batch: 856520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856490

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFUDA)	32.0	30.6		ng/L		96	70 - 145
Perfluorododecanoic acid (PFDDA)	32.0	29.3		ng/L		91	70 - 140
Perfluorotridecanoic acid (PFTDA)	32.0	30.7		ng/L		96	65 - 140
Perfluorotetradecanoic acid (PFTA)	32.0	27.5		ng/L		86	60 - 140
Perfluorobutanesulfonic acid (PFBS)	28.4	26.2		ng/L		92	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	30.1	29.8		ng/L		99	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	29.2	26.1		ng/L		89	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	30.5	29.0		ng/L		95	70 - 150
Perfluorooctanesulfonic acid (PFOS)	29.8	31.2		ng/L		105	55 - 150
Perfluorononanesulfonic acid (PFNS)	30.8	25.6		ng/L		83	65 - 145
Perfluorododecanesulfonic acid (PFDDoS)	31.0	22.1		ng/L		71	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	60.0	60.1		ng/L		100	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	60.9	55.2		ng/L		91	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	61.4	52.9		ng/L		86	60 - 150
Perfluorooctanesulfonamide (PFOSA)	32.0	27.3		ng/L		85	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	32.0	36.6		ng/L		114	60 - 150
N-ethylperfluorooctane sulfonamide (NEFOSA)	32.0	35.7		ng/L		112	65 - 145
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	32.0	33.2		ng/L		104	50 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	32.0	31.3		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	160	145		ng/L		91	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	160	173		ng/L		108	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	24.0	23.2		ng/L		97	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	30.3	29.7		ng/L		98	65 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	32.0	34.0		ng/L		106	60 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	32.0	28.9		ng/L		90	50 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	29.9	26.1		ng/L		87	70 - 155
11-Chloroicosadecafluoro-3-oxandecane-1-sulfonic acid (11Cl-PF3OUs)	30.2	23.6		ng/L		78	55 - 160



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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 680-856490/3-A
Matrix: Water
Analysis Batch: 856520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 856490

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec Limits	RPD	RPD Limit
Perfluorodecanoic acid (PFDA)	32.0	28.5		ng/L		89	70 - 140	2	30
Perfluoroundecanoic acid (PFUnA)	32.0	30.0		ng/L		94	70 - 145	2	30
Perfluorododecanoic acid (PFDoA)	32.0	28.7		ng/L		90	70 - 140	2	30
Perfluorotridecanoic acid (PFTriDA)	32.0	29.3		ng/L		92	65 - 140	4	30
Perfluorotetradecanoic acid (PFTA)	32.0	26.8		ng/L		84	60 - 140	3	30
Perfluorobutanesulfonic acid (PFBS)	28.4	25.2		ng/L		89	60 - 145	4	30
Perfluoropentanesulfonic acid (PFPeS)	30.1	29.6		ng/L		98	65 - 140	1	30
Perfluorohexanesulfonic acid (PFHxS)	29.2	26.3		ng/L		90	65 - 145	1	30
Perfluoroheptanesulfonic acid (PFHpS)	30.5	29.0		ng/L		95	70 - 150	0	30
Perfluorooctanesulfonic acid (PFOS)	29.8	29.3		ng/L		98	55 - 150	6	30
Perfluorononanesulfonic acid (PRIS)	30.8	25.6		ng/L		83	65 - 145	0	30
Perfluorododecanesulfonic acid (PFDoS)	31.0	21.9		ng/L		71	50 - 145	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	60.0	57.8		ng/L		96	70 - 145	4	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	60.9	54.4		ng/L		89	65 - 155	1	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	61.4	53.5		ng/L		87	60 - 150	1	30
Perfluorooctanesulfonamide (PFOSA)	32.0	26.4		ng/L		82	70 - 145	3	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	32.0	36.4		ng/L		114	60 - 150	0	30
N-ethylperfluorooctane sulfonamide (NEFOSA)	32.0	32.2		ng/L		101	65 - 145	10	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	32.0	32.0		ng/L		100	50 - 140	4	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	32.0	30.1		ng/L		94	70 - 145	4	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	160	137		ng/L		86	70 - 145	6	30
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	160	165		ng/L		103	70 - 135	5	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	24.0	22.2		ng/L		93	70 - 140	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	30.3	28.8		ng/L		89	65 - 145	10	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	32.0	30.0		ng/L		94	60 - 150	13	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	32.0	28.2		ng/L		88	50 - 150	3	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	29.9	25.4		ng/L		85	70 - 155	3	30

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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 680-856490/4-A
Matrix: Water
Analysis Batch: 856520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856490

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorooctanoic acid (PFOA)	4.00	2.86		ng/L		71	70 - 150
Perfluorononanoic acid (PFNA)	4.00	2.90		ng/L		73	70 - 150
Perfluorodecanoic acid (PFDA)	4.00	3.57		ng/L		89	70 - 140
Perfluoroundecanoic acid (PFUnA)	4.00	3.78		ng/L		94	70 - 145
Perfluorododecanoic acid (PFDoA)	4.00	3.49		ng/L		87	70 - 140
Perfluorotridecanoic acid (PFTriDA)	4.00	3.56		ng/L		89	65 - 140
Perfluorotetradecanoic acid (PFTA)	4.00	3.30		ng/L		83	60 - 140
Perfluorobutanesulfonic acid (PFBS)	3.55	3.09		ng/L		87	60 - 145
Perfluoropentanesulfonic acid (PFPeS)	3.76	3.77		ng/L		100	65 - 140
Perfluorohexanesulfonic acid (PFHxS)	3.65	3.45		ng/L		95	65 - 145
Perfluoroheptanesulfonic acid (PFHpS)	3.82	3.55		ng/L		93	70 - 150
Perfluorooctanesulfonic acid (PFOS)	3.72	3.86		ng/L		104	55 - 150
Perfluorononanesulfonic acid (PNFS)	3.85	2.99		ng/L		78	65 - 145
Perfluorododecanesulfonic acid (PFDoS)	3.87	2.89		ng/L		75	50 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	7.50	7.15		ng/L		95	70 - 145
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	7.62	6.64		ng/L		87	65 - 155
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	7.68	6.27		ng/L		82	60 - 150
Perfluorooctanesulfonamide (PFOSA)	4.00	3.24		ng/L		81	70 - 145
N-methylperfluorooctane sulfonamide (NMeFOSA)	4.00	4.00		ng/L		100	60 - 150
N-ethylperfluorooctane sulfonamide (NEFOSA)	4.00	4.29		ng/L		107	65 - 145
N-methylperfluorooctanesulfonamideacetate acid (NMeFOSAA)	4.00	4.02		ng/L		101	50 - 140
N-ethylperfluorooctanesulfonamideacetate acid (NEFOSAA)	4.00	3.90		ng/L		98	70 - 145
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	18.2		ng/L		91	70 - 145
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	20.0	20.9		ng/L		105	70 - 135
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	3.00	2.85		ng/L		95	70 - 140
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	3.78	3.34		ng/L		88	65 - 145
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	3.64		ng/L		91	60 - 150
Nonafluoro-3,6-dioxoheptanoic acid (NFDHA)	4.00	3.57		ng/L		89	50 - 150



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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 680-856522/1-A
Matrix: Solid
Analysis Batch: 856522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 856522

Table with columns: Analyte, MB Result, MB Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various perfluorinated compounds and their detection results.

Eurofins Savannah



QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 680-856522/2-A
Matrix: Solid
Analysis Batch: 856652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec Limits
Perfluorododecanoic acid (PFDoA)	0.598	0.625		ug/Kg		105	40 - 150
Perfluorotridecanoic acid (PFTriDA)	0.598	0.690		ug/Kg		115	40 - 150
Perfluorotetradecanoic acid (PFTA)	0.598	0.598		ug/Kg		100	40 - 150
Perfluorobutanesulfonic acid (PFBS)	0.531	0.496		ug/Kg		93	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.562	0.618		ug/Kg		110	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.545	0.501		ug/Kg		92	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.570	0.533		ug/Kg		94	40 - 150
Perfluorooctanesulfonic acid (PFOS)	0.556	0.466		ug/Kg		84	40 - 150
Perfluorononanesulfonic acid (PFNS)	0.575	0.451		ug/Kg		79	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.579	0.268		ug/Kg		46	40 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	1.12	1.08		ug/Kg		96	40 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	1.14	1.25		ug/Kg		110	40 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	1.15	1.08		ug/Kg		94	40 - 150
Perfluorooctanesulfonamide (PFOSA)	0.598	0.413		ug/Kg		69	40 - 150
N-methylperfluorooctane sulfonamide (NMeFOASA)	0.598	0.568		ug/Kg		95	40 - 150
N-ethylperfluorooctane sulfonamide (NEFOASA)	0.598	0.630		ug/Kg		105	40 - 150
N-methylperfluorooctanesulfonamide acetic acid (NMeFOASAA)	0.598	0.515		ug/Kg		86	40 - 150
N-ethylperfluorooctanesulfonamide acetic acid (NEFOASAA)	0.598	0.523		ug/Kg		87	40 - 150
N-methylperfluorooctane sulfonamide ethanol (NMeFOESE)	2.99	2.48		ug/Kg		82	40 - 150
N-ethylperfluorooctane sulfonamide ethanol (NEFOESE)	2.99	2.90		ug/Kg		97	40 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.448	0.392		ug/Kg		87	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.566	0.453		ug/Kg		80	40 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.598	0.548		ug/Kg		92	40 - 150
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.598	0.627		ug/Kg		105	40 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.558	0.373		ug/Kg		67	40 - 150
11-Chloroicosadecafluoro-3-oxadecane-1-sulfonic acid (11Cl-PF3OUdS)	0.564	0.345		ug/Kg		61	40 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEASA)	0.533	0.520		ug/Kg		98	40 - 150



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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 680-856522/3-A
Matrix: Solid
Analysis Batch: 856652

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 856522

Table with columns: Analyte, Spike Added, LCSD Result, LCSD Qualifier, Unit, D, % Rec, %Rec Limits, RPD, RPD Limit. Lists various perfluorinated compounds and their detection results.

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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 680-856522/4-A
Matrix: Solid
Analysis Batch: 856652

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856522

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorodecanoic acid (PFDA)	0.0792	0.0890	J	ug/Kg		112	40 - 150
Perfluoroundecanoic acid (PFUnA)	0.0792	0.0776	J	ug/Kg		98	40 - 150
Perfluorododecanoic acid (PFDoA)	0.0792	0.0803	J	ug/Kg		101	40 - 150
Perfluorotridecanoic acid (PFTriDA)	0.0792	0.0897	J	ug/Kg		113	40 - 150
Perfluorotetradecanoic acid (PFTA)	0.0792	0.0791	J	ug/Kg		100	40 - 150
Perfluorobutanesulfonic acid (PFBS)	0.0703	0.0612	J	ug/Kg		87	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.0744	0.0744	J	ug/Kg		100	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.0722	0.0660	J	ug/Kg		91	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.0756	0.0671	J	ug/Kg		89	40 - 150
Perfluorooctanesulfonic acid (PFOS)	0.0737	0.0639	J	ug/Kg		87	40 - 150
Perfluorononanesulfonic acid (PFNS)	0.0762	0.0620	J	ug/Kg		81	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.0767	0.0403	J	ug/Kg		53	40 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	0.149	0.134	J	ug/Kg		90	40 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	0.151	0.273	J**	ug/Kg		181	40 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	0.152	0.132	J	ug/Kg		87	40 - 150
Perfluorooctanesulfonamide (PFOSA)	0.0792	0.0568	J	ug/Kg		72	40 - 150
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.0792	0.0808	J	ug/Kg		102	40 - 150
N-ethylperfluorooctane sulfonamide (NEFOSA)	0.0792	0.0731	J	ug/Kg		92	40 - 150
N-methylperfluorooctanesulfonamide acetic acid (NMeFOASA)	0.0792	0.0699	J	ug/Kg		88	40 - 150
N-ethylperfluorooctanesulfonamide acetic acid (NEFOASA)	0.0792	0.0653	J	ug/Kg		82	40 - 150
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.396	0.336	J	ug/Kg		85	40 - 150
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	0.396	0.367	J	ug/Kg		93	40 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.0594	0.0520	J	ug/Kg		88	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.0749	0.0595	J	ug/Kg		79	40 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.0792	0.0709	J	ug/Kg		89	40 - 150
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	0.0792	0.0800	J	ug/Kg		101	40 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.0740	0.0517	J I	ug/Kg		70	40 - 150



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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 680-856807/1-A
Matrix: Solid
Analysis Batch: 856835

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 856807

Table with columns: Analyte, MB MB Result, Qualifier, RL, MDL, Unit, D, Prepared, Analyzed, Dil Fac. Lists various perfluorinated compounds and their detection results.

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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 680-856807/2-A
Matrix: Solid
Analysis Batch: 856835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856807

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec Limits
Perfluorotetradecanoic acid (PFTA)	0.574	0.544		ug/Kg		95	40 - 150
Perfluorobutanesulfonic acid (PFBS)	0.510	0.435		ug/Kg		85	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.539	0.480		ug/Kg		89	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.523	0.483		ug/Kg		88	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.548	0.470		ug/Kg		86	40 - 150
Perfluorooctanesulfonic acid (PFOS)	0.534	0.463		ug/Kg		87	40 - 150
Perfluorononanesulfonic acid (PFNS)	0.552	0.482		ug/Kg		87	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.556	0.419		ug/Kg		75	40 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	1.08	0.921		ug/Kg		85	40 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	1.09	0.940		ug/Kg		86	40 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	1.10	0.915		ug/Kg		83	40 - 150
Perfluorooctanesulfonamide (PFOSA)	0.574	0.387		ug/Kg		67	40 - 150
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.574	0.581		ug/Kg		101	40 - 150
N-ethylperfluorooctane sulfonamide (NEFOSA)	0.574	0.508		ug/Kg		88	40 - 150
N-methylperfluorooctanesulfonamideacetate acid (NMeFOSAA)	0.574	0.500		ug/Kg		87	40 - 150
N-ethylperfluorooctanesulfonamideacetate acid (NEFOSAA)	0.574	0.474		ug/Kg		83	40 - 150
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	2.87	2.36		ug/Kg		82	40 - 150
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	2.87	2.79		ug/Kg		97	40 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.430	0.390		ug/Kg		91	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.543	0.416		ug/Kg		77	40 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.574	0.493		ug/Kg		86	40 - 150
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	0.574	0.572		ug/Kg		100	40 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.536	0.382		ug/Kg		71	40 - 150
11-Chloroicosadecafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	0.542	0.395		ug/Kg		73	40 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.512	0.512		ug/Kg		100	40 - 150
3-Perfluoropropylpropanoic acid (3.3 FTCA)	1.15	0.812		ug/Kg		71	40 - 150
3-Perfluoropentylpropanoic acid (5.3 FTCA)	2.87	2.28		ug/Kg		79	40 - 150



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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCSD 680-856807/3-A
Matrix: Solid
Analysis Batch: 856835

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 856807

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec Limits	RPD	RPD Limit
Perfluorotridecanoic acid (PFTrDA)	0.588	0.595		ug/Kg		101	40-150	11	30
Perfluorotetradecanoic acid (PFTA)	0.588	0.591		ug/Kg		100	40-150	8	30
Perfluorobutanesulfonic acid (PFBS)	0.523	0.446		ug/Kg		85	40-150	2	30
Perfluoropentanesulfonic acid (PFPeS)	0.553	0.493		ug/Kg		89	40-150	3	30
Perfluorohexanesulfonic acid (PFHxS)	0.537	0.508		ug/Kg		95	40-150	9	30
Perfluoroheptanesulfonic acid (PFHpS)	0.581	0.505		ug/Kg		90	40-150	7	30
Perfluorooctanesulfonic acid (PFOS)	0.547	0.500		ug/Kg		91	40-150	8	30
Perfluorononanesulfonic acid (PFNS)	0.566	0.490		ug/Kg		86	40-150	1	30
Perfluorododecanesulfonic acid (PFDoS)	0.570	0.425		ug/Kg		75	40-150	1	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	1.10	0.980		ug/Kg		89	40-150	6	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	1.12	1.02		ug/Kg		91	40-150	8	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	1.13	1.02		ug/Kg		90	40-150	11	30
Perfluorooctanesulfonamide (PFOSA)	0.588	0.402		ug/Kg		68	40-150	4	30
N-methylperfluorooctane sulfonamide (NMeFOASA)	0.588	0.570		ug/Kg		97	40-150	2	30
N-ethylperfluorooctane sulfonamide (NEFOASA)	0.588	0.581		ug/Kg		99	40-150	14	30
N-methylperfluorooctanesulfonamide (NMeFOASA)	0.588	0.529		ug/Kg		90	40-150	6	30
N-ethylperfluorooctanesulfonamide (NEFOASA)	0.588	0.493		ug/Kg		84	40-150	4	30
N-methylperfluorooctane sulfonamide (NMeFOASA)	2.94	2.49		ug/Kg		85	40-150	6	30
N-ethylperfluorooctane sulfonamide (NEFOASA)	2.94	3.11		ug/Kg		106	40-150	11	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.441	0.406		ug/Kg		92	40-150	4	30
4,8-Dioxa-3H-perfluorononanoic acid (ADDNA)	0.557	0.446		ug/Kg		80	40-150	7	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.588	0.507		ug/Kg		86	40-150	3	30
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	0.588	0.574		ug/Kg		97	40-150	0	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.550	0.418		ug/Kg		76	40-150	9	30
11-Chloroicosadecafluoro-3-oxandecane-1-sulfonic acid (11Cl-PF3OUDS)	0.556	0.432		ug/Kg		78	40-150	9	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.525	0.531		ug/Kg		101	40-150	4	30
3-Perfluoropropylpropanoic acid (3.3 FTCA)	1.18	0.889		ug/Kg		76	40-150	9	30

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QC Sample Results

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 680-856807/4-A
Matrix: Solid
Analysis Batch: 856835

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 856807

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorododecanoic acid (PFDoA)	0.0767	0.0668	J	ug/Kg		87	40 - 150
Perfluorotridecanoic acid (PFTriDA)	0.0767	0.0678	J	ug/Kg		88	40 - 150
Perfluorotetradecanoic acid (PFTA)	0.0767	0.0681	J	ug/Kg		89	40 - 150
Perfluorobutanesulfonic acid (PFBS)	0.0681	0.0555	J	ug/Kg		81	40 - 150
Perfluoropentanesulfonic acid (PFPeS)	0.0721	0.0613	J	ug/Kg		85	40 - 150
Perfluorohexanesulfonic acid (PFHxS)	0.0699	0.0670	J	ug/Kg		96	40 - 150
Perfluoroheptanesulfonic acid (PFHpS)	0.0731	0.0577	J	ug/Kg		79	40 - 150
Perfluorooctanesulfonic acid (PFOS)	0.0713	0.0721	J	ug/Kg		101	40 - 150
Perfluorononanesulfonic acid (PFNS)	0.0738	0.0574	J	ug/Kg		78	40 - 150
Perfluorododecanesulfonic acid (PFDoS)	0.0742	0.0584	J	ug/Kg		79	40 - 150
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4.2 FTS)	0.144	0.122	J	ug/Kg		85	40 - 150
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6.2 FTS)	0.146	0.19	U	ug/Kg		87	40 - 150
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8.2 FTS)	0.147	0.125	J	ug/Kg		85	40 - 150
Perfluorooctanesulfonamide (PFOSA)	0.0767	0.0522	J	ug/Kg		68	40 - 150
N-methylperfluorooctane sulfonamide (NMeFOSA)	0.0767	0.0773	J	ug/Kg		101	40 - 150
N-ethylperfluorooctane sulfonamide (NEFOSA)	0.0767	0.0627	J	ug/Kg		82	40 - 150
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.0767	0.0716	J	ug/Kg		93	40 - 150
N-ethylperfluorooctanesulfonamidoacetic acid (NEFOSAA)	0.0767	0.0650	J	ug/Kg		85	40 - 150
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	0.383	0.314	J	ug/Kg		82	40 - 150
N-ethylperfluorooctane sulfonamidoethanol (NEFOSE)	0.383	0.352	J	ug/Kg		92	40 - 150
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	0.0575	0.0447	J I	ug/Kg		78	40 - 150
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	0.0725	0.0902	J	ug/Kg		124	40 - 150
Perfluoro-4-methoxybutanoic acid (PFMBA)	0.0767	0.0688	J	ug/Kg		90	40 - 150
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	0.0767	0.0530	J	ug/Kg		69	40 - 150
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	0.0716	0.0961	J	ug/Kg		134	40 - 150
11-Chloroicosadecafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUDS)	0.0724	0.0976	J	ug/Kg		135	40 - 150
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	0.0684	0.0965	J	ug/Kg		141	40 - 150



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QC Association Summary

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

LCMS

Prep Batch: 856490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-1	62086-002	Total/NA	WW	1633	
680-256057-2	62086-004	Total/NA	WW	1633	
MB 680-856490/1-A	Method Blank	Total/NA	Water	1633	
LCS 680-856490/2-A	Lab Control Sample	Total/NA	Water	1633	
LCSD 680-856490/3-A	Lab Control Sample Dup	Total/NA	Water	1633	
LLCS 680-856490/4-A	Lab Control Sample	Total/NA	Water	1633	

Analysis Batch: 856520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-1	62086-002	Total/NA	WW	1633	856490
680-256057-2	62086-004	Total/NA	WW	1633	856490
MB 680-856490/1-A	Method Blank	Total/NA	Water	1633	856490
LCS 680-856490/2-A	Lab Control Sample	Total/NA	Water	1633	856490
LCSD 680-856490/3-A	Lab Control Sample Dup	Total/NA	Water	1633	856490
LLCS 680-856490/4-A	Lab Control Sample	Total/NA	Water	1633	856490

Prep Batch: 856522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-3	62086-005	Total/NA	Solid	1633 Shake	
MB 680-856522/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 680-856522/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LCSD 680-856522/3-A	Lab Control Sample Dup	Total/NA	Solid	1633 Shake	
LLCS 680-856522/4-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 856652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-3	62086-005	Total/NA	Solid	1633	856522
MB 680-856522/1-A	Method Blank	Total/NA	Solid	1633	856522
LCS 680-856522/2-A	Lab Control Sample	Total/NA	Solid	1633	856522
LCSD 680-856522/3-A	Lab Control Sample Dup	Total/NA	Solid	1633	856522
LLCS 680-856522/4-A	Lab Control Sample	Total/NA	Solid	1633	856522

Prep Batch: 856807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-3 - REDL	62086-005	Total/NA	Solid	1633 Shake	
MB 680-856807/1-A	Method Blank	Total/NA	Solid	1633 Shake	
LCS 680-856807/2-A	Lab Control Sample	Total/NA	Solid	1633 Shake	
LCSD 680-856807/3-A	Lab Control Sample Dup	Total/NA	Solid	1633 Shake	
LLCS 680-856807/4-A	Lab Control Sample	Total/NA	Solid	1633 Shake	

Analysis Batch: 856835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-256057-3 - REDL	62086-005	Total/NA	Solid	1633	856807
MB 680-856807/1-A	Method Blank	Total/NA	Solid	1633	856807
LCS 680-856807/2-A	Lab Control Sample	Total/NA	Solid	1633	856807
LCSD 680-856807/3-A	Lab Control Sample Dup	Total/NA	Solid	1633	856807
LLCS 680-856807/4-A	Lab Control Sample	Total/NA	Solid	1633	856807

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Lab Chronicle

Client: Access Analytical Services
Project/Site: City of Rock Hill - 62086

Job ID: 680-256057-1

Client Sample ID: 62086-002

Lab Sample ID: 680-256057-1

Date Collected: 09/03/24 11:38

Matrix: WW

Date Received: 09/17/24 09:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			856490	MCH	EET SAV	09/18/24 14:09
Total/NA	Analysis	1633		1	856520	SW	EET SAV	09/19/24 09:25

Client Sample ID: 62086-004

Lab Sample ID: 680-256057-2

Date Collected: 09/03/24 11:15

Matrix: WW

Date Received: 09/17/24 09:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			856490	MCH	EET SAV	09/18/24 14:09
Total/NA	Analysis	1633		1	856520	SW	EET SAV	09/19/24 09:40

Client Sample ID: 62086-005

Lab Sample ID: 680-256057-3

Date Collected: 09/03/24 11:26

Matrix: Solid

Date Received: 09/17/24 09:58

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	856275	KG	EET SAV	09/17/24 13:39

Client Sample ID: 62086-005

Lab Sample ID: 680-256057-3

Date Collected: 09/03/24 11:26

Matrix: Solid

Date Received: 09/17/24 09:58

Percent Solids: 21.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633 Shake			856522	NG	EET SAV	09/18/24 15:56
Total/NA	Analysis	1633		1	856652	SW	EET SAV	09/19/24 16:01
Total/NA	Prep	1633 Shake	REDL		856807	MCH	EET SAV	09/20/24 10:34
Total/NA	Analysis	1633	REDL	1	856835	SW	EET SAV	09/20/24 23:01

Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Eurofins Savannah