

Client ID: N.RAW (IN001)

Lab ID: 2504190-01

CAS #	Analyte	Result	RL	Units	Dilution	Analyzed Date	QC Batch	Method	Analyst	Qualifier
Organics-PFAS Isotope Dilution										
763051-92-9	11Cl-PF3OUdS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
356-02-5	3:3FTCA	ND	4.0	ng/L	1	04/23/25	B5D1726	8327	BM	
757124-72-4	4:2FTS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
914637-49-3	5:3FTCA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
27619-97-2	6:2FTS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
812-70-4	7:3FTCA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
39108-34-4	8:2FTS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
756426-58-1	9Cl-PF3ONS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
919005-14-4	ADONA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
13252-13-6	HFPO-DA	ND	4.0	ng/L	1	04/23/25	B5D1726	8327	BM	
2991-50-6	NEtFOSAA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
2355-31-9	NMeFOSAA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
375-22-4	PFBA	1.5	4.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
375-73-5	PFBS	0.4	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
30334-69-1	PFBSA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
335-76-2	PFDA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
307-55-1	PFDODA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
335-77-3	PFDS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
646-83-3	PFECHS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
375-85-9	PFHpA	0.9	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
375-92-8	PFHpS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
307-24-4	PFHxA	1.2	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
355-46-4	PFHxS	0.9	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
41997-13-1	PFHxSA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
375-95-1	PFNA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
68259-12-1	PFNS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
335-67-1	PFOA	1.8	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
1763-23-1	PFOS	2.1	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
754-91-6	PFOSA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
2706-90-3	PFPeA	1.2	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	J
2706-91-4	PFPeS	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
376-06-7	PFTeDA	ND	4.0	ng/L	1	04/23/25	B5D1726	8327	BM	
72629-94-8	PFTTrDA	ND	4.0	ng/L	1	04/23/25	B5D1726	8327	BM	
2058-94-8	PFUnDA	ND	2.0	ng/L	1	04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-4:2FTS			139 %	31-202		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-6:2FTS			108 %	10-220		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-8:2FTS			92.4 %	16-189		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-PFDoDA			111 %	60-139		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA			97.0 %	41-133		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C2-PFTeDA			70.6 %	10-133		04/23/25	B5D1726	8327	BM	
Isotope Dilution Analog: 13C3-HFPODA			103 %	62-136		04/23/25	B5D1726	8327	BM	

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CAS #	Analyte	Result	RL	Units	Dilution	Analyzed Date	QC Batch	Method	Analyst	Qualifier
Organics-PFAS Isotope Dilution										
	<i>Isotope Dilution Analog: 13C3-PFBS</i>		85.0 %		58-132	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C3-PFHxS</i>		103 %		80-124	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C4-PFBA</i>		96.8 %		76-124	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C4-PFHpA</i>		101 %		81-125	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C5-PFHxA</i>		99.4 %		81-124	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C5-PFPeA</i>		96.8 %		78-123	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C6-PFDA</i>		98.9 %		77-126	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C7-PFU_nDA</i>		100 %		75-127	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C8-PFOA</i>		103 %		81-125	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C8-PFOS</i>		98.5 %		79-122	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C8-PFOA</i>		104 %		80-122	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: 13C9-PFNA</i>		111 %		80-126	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>		105 %		64-144	04/23/25	B5D1726	8327	BM	
	<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>		108 %		64-149	04/23/25	B5D1726	8327	BM	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

Blank (B5D1726-BLK1)

11Cl-PF3OUdS	ND	ng/L							04/22/2025	
3:3FTCA	ND	ng/L							04/22/2025	
4:2FTS	ND	ng/L							04/22/2025	
5:3FTCA	ND	ng/L							04/22/2025	
6:2FTS	ND	ng/L							04/22/2025	
7:3FTCA	ND	ng/L							04/22/2025	
8:2FTS	ND	ng/L							04/22/2025	
9Cl-PF3ONS	ND	ng/L							04/22/2025	
ADONA	ND	ng/L							04/22/2025	
HFPO-DA	ND	ng/L							04/22/2025	
NEtFOSAA	ND	ng/L							04/22/2025	
NMeFOSAA	ND	ng/L							04/22/2025	
PFBA	ND	ng/L							04/22/2025	
PFBS	ND	ng/L							04/22/2025	
PFBSA	ND	ng/L							04/22/2025	
PFDA	ND	ng/L							04/22/2025	
PFDoDA	ND	ng/L							04/22/2025	
PFDS	ND	ng/L							04/22/2025	
PFECHS	ND	ng/L							04/22/2025	
PFHpA	ND	ng/L							04/22/2025	
PFHpS	ND	ng/L							04/22/2025	
PFHxA	ND	ng/L							04/22/2025	
PFHxS	ND	ng/L							04/22/2025	
PFHxSA	ND	ng/L							04/22/2025	
PFNA	ND	ng/L							04/22/2025	
PFNS	ND	ng/L							04/22/2025	
PFOA	ND	ng/L							04/22/2025	
PFOS	ND	ng/L							04/22/2025	
PFOSA	ND	ng/L							04/22/2025	
PFPeA	ND	ng/L							04/22/2025	
PFPeS	ND	ng/L							04/22/2025	
PFTeDA	ND	ng/L							04/22/2025	
PFTTrDA	ND	ng/L							04/22/2025	
PFUnDA	ND	ng/L							04/22/2025	
Isotope Dilution Analog: 13C2-4:2FTS	223	ng/L	150.1		149	31-202			04/22/2025	
Isotope Dilution Analog: 13C2-6:2FTS	137	ng/L	152.2		89.9	10-220			04/22/2025	
Isotope Dilution Analog: 13C2-8:2FTS	121	ng/L	153.6		79.0	16-189			04/22/2025	
Isotope Dilution Analog: 13C2-PFDoDA	190	ng/L	160.0		119	60-139			04/22/2025	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	186	ng/L	160.0		116	41-133			04/22/2025	
Isotope Dilution Analog: 13C2-PFTeDA	178	ng/L	160.0		111	10-133			04/22/2025	
Isotope Dilution Analog: 13C3-HFPODA	353	ng/L	320.0		110	62-136			04/22/2025	
Isotope Dilution Analog: 13C3-PFBS	138	ng/L	149.1		92.5	58-132			04/22/2025	
Isotope Dilution Analog: 13C3-PFHxS	158	ng/L	151.7		104	80-124			04/22/2025	
Isotope Dilution Analog: 13C4-PFBA	159	ng/L	160.0		99.4	76-124			04/22/2025	
Isotope Dilution Analog: 13C4-PFHpA	160	ng/L	160.0		100	81-125			04/22/2025	
Isotope Dilution Analog: 13C5-PFHxA	158	ng/L	160.0		99.0	81-124			04/22/2025	
Isotope Dilution Analog: 13C5-PFPeA	158	ng/L	160.0		98.6	78-123			04/22/2025	
Isotope Dilution Analog: 13C6-PFDA	157	ng/L	160.0		98.2	77-126			04/22/2025	
Isotope Dilution Analog: 13C7-PFUnDA	161	ng/L	160.0		101	75-127			04/22/2025	
Isotope Dilution Analog: 13C8-PFOA	156	ng/L	160.0		97.6	81-125			04/22/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

Blank (B5D1726-BLK1)

<i>Isotope Dilution Analog: 13C8-PFOS</i>	151	ng/L	153.4		98.2	79-122			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOSA</i>	170	ng/L	160.0		106	80-122			04/22/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	167	ng/L	160.0		105	80-126			04/22/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	154	ng/L	160.0		96.4	64-144			04/22/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	162	ng/L	160.0		101	64-149			04/22/2025	

LCS (B5D1726-BS1)

11CI-PF3OUds	42.9	ng/L	37.80		113	79-128			04/22/2025	
3:3FTCA	47.8	ng/L	40.00		120	76-129			04/22/2025	
4:2FTS	43.0	ng/L	37.40		115	79-130			04/22/2025	
5:3FTCA	50.4	ng/L	40.00		126	76-126			04/22/2025	A09
6:2FTS	47.1	ng/L	38.00		124	78-129			04/22/2025	
7:3FTCA	45.0	ng/L	40.00		112	60-130			04/22/2025	
8:2FTS	47.7	ng/L	38.40		124	78-132			04/22/2025	
9CI-PF3ONS	44.2	ng/L	37.40		118	81-127			04/22/2025	
ADONA	44.3	ng/L	37.80		117	82-128			04/22/2025	
HFPO-DA	45.1	ng/L	40.00		113	78-130			04/22/2025	
NEtFOSAA	48.7	ng/L	40.00		122	80-128			04/22/2025	
NMeFOSAA	47.5	ng/L	40.00		119	79-129			04/22/2025	
PFBA	46.0	ng/L	40.00		115	79-126			04/22/2025	
PFBS	42.7	ng/L	35.40		121	82-127			04/22/2025	
PFBSA	43.9	ng/L	40.00		110	77-130			04/22/2025	
PFDA	45.7	ng/L	40.00		114	81-131			04/22/2025	
PFDoDA	45.6	ng/L	40.00		114	83-129			04/22/2025	
PFDS	43.1	ng/L	38.60		112	80-130			04/22/2025	
PFECHS	44.2	ng/L	36.96		120	78-127			04/22/2025	
PFHpA	48.0	ng/L	40.00		120	82-127			04/22/2025	
PFHpS	46.7	ng/L	38.20		122	79-132			04/22/2025	
PFHxA	47.1	ng/L	40.00		118	82-128			04/22/2025	
PFHxS	44.2	ng/L	36.50		121	81-129			04/22/2025	
PFHxSA	43.7	ng/L	40.00		109	78-127			04/22/2025	
PFNA	45.5	ng/L	40.00		114	81-128			04/22/2025	
PFNS	44.5	ng/L	38.40		116	80-129			04/22/2025	
PFOA	46.0	ng/L	40.00		115	81-130			04/22/2025	
PFOS	43.6	ng/L	37.04		118	82-129			04/22/2025	
PFOSA	43.8	ng/L	40.00		110	80-128			04/22/2025	
PFPeA	49.3	ng/L	40.00		123	83-127			04/22/2025	
PFPeS	43.7	ng/L	37.60		116	80-129			04/22/2025	
PFTeDA	46.6	ng/L	40.00		116	80-133			04/22/2025	
PFTTrDA	41.2	ng/L	40.00		103	73-124			04/22/2025	
PFUnDA	48.0	ng/L	40.00		120	81-130			04/22/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	235	ng/L	150.1		156	31-202			04/22/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	133	ng/L	152.2		87.3	10-220			04/22/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	116	ng/L	153.6		75.3	16-189			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	169	ng/L	160.0		105	60-139			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>	166	ng/L	160.0		104	41-133			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	160	ng/L	160.0		100	10-133			04/22/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	332	ng/L	320.0		104	62-136			04/22/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	125	ng/L	149.1		83.9	58-132			04/22/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	152	ng/L	151.7		99.9	80-124			04/22/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

LCS (B5D1726-BS1)

<i>Isotope Dilution Analog: 13C4-PFBA</i>	161	ng/L	160.0		100	76-124			04/22/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	160	ng/L	160.0		100	81-125			04/22/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>	162	ng/L	160.0		101	81-124			04/22/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	155	ng/L	160.0		96.8	78-123			04/22/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	159	ng/L	160.0		99.1	77-126			04/22/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>	153	ng/L	160.0		95.9	75-127			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	162	ng/L	160.0		102	81-125			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOS</i>	155	ng/L	153.4		101	79-122			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	168	ng/L	160.0		105	80-122			04/22/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	166	ng/L	160.0		104	80-126			04/22/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	159	ng/L	160.0		99.6	64-144			04/22/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	161	ng/L	160.0		101	64-149			04/22/2025	

LCS Dup (B5D1726-BSD1)

11Cl-PF3OUdS	40.5	ng/L	37.80		107	79-128	5.61	200	04/22/2025	
3:3FTCA	40.6	ng/L	40.00		102	76-129	16.3	200	04/22/2025	
4:2FTS	43.1	ng/L	37.40		115	79-130	0.279	200	04/22/2025	
5:3FTCA	44.7	ng/L	40.00		112	76-126	12.0	200	04/22/2025	
6:2FTS	43.9	ng/L	38.00		115	78-129	7.12	200	04/22/2025	
7:3FTCA	41.7	ng/L	40.00		104	60-130	7.71	200	04/22/2025	
8:2FTS	44.5	ng/L	38.40		116	78-132	6.94	200	04/22/2025	
9Cl-PF3ONS	41.6	ng/L	37.40		111	81-127	6.06	200	04/22/2025	
ADONA	41.8	ng/L	37.80		111	82-128	5.71	200	04/22/2025	
HFPO-DA	37.2	ng/L	40.00		92.9	78-130	19.3	200	04/22/2025	
NEtFOSAA	43.2	ng/L	40.00		108	80-128	11.8	200	04/22/2025	
NMeFOSAA	42.5	ng/L	40.00		106	79-129	11.1	200	04/22/2025	
PFBA	42.9	ng/L	40.00		107	79-126	6.93	200	04/22/2025	
PFBS	40.3	ng/L	35.40		114	82-127	5.88	200	04/22/2025	
PFBSA	39.2	ng/L	40.00		98.1	77-130	11.1	200	04/22/2025	
PFDA	44.8	ng/L	40.00		112	81-131	2.12	200	04/22/2025	
PFDODA	43.3	ng/L	40.00		108	83-129	5.13	200	04/22/2025	
PFDS	41.2	ng/L	38.60		107	80-130	4.50	200	04/22/2025	
PFECHS	40.6	ng/L	36.96		110	78-127	8.49	200	04/22/2025	
PFHpA	43.7	ng/L	40.00		109	82-127	9.37	200	04/22/2025	
PFHpS	44.8	ng/L	38.20		117	79-132	4.02	200	04/22/2025	
PFHxA	45.2	ng/L	40.00		113	82-128	4.16	200	04/22/2025	
PFHxS	39.6	ng/L	36.50		109	81-129	10.8	200	04/22/2025	
PFHxSA	39.3	ng/L	40.00		98.2	78-127	10.7	200	04/22/2025	
PFNA	43.1	ng/L	40.00		108	81-128	5.33	200	04/22/2025	
PFNS	40.6	ng/L	38.40		106	80-129	9.16	200	04/22/2025	
PFOA	41.7	ng/L	40.00		104	81-130	9.86	200	04/22/2025	
PFOS	41.4	ng/L	37.04		112	82-129	5.22	200	04/22/2025	
PFOSA	41.8	ng/L	40.00		104	80-128	4.72	200	04/22/2025	
PFPeA	45.1	ng/L	40.00		113	83-127	8.86	200	04/22/2025	
PFPeS	41.5	ng/L	37.60		110	80-129	5.16	200	04/22/2025	
PFTeDA	44.0	ng/L	40.00		110	80-133	5.79	200	04/22/2025	
PFTrDA	36.7	ng/L	40.00		91.6	73-124	11.6	200	04/22/2025	
PFUnDA	44.6	ng/L	40.00		111	81-130	7.52	200	04/22/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	222	ng/L	150.1		148	31-202			04/22/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	150	ng/L	152.2		98.6	10-220			04/22/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	132	ng/L	153.6		86.1	16-189			04/22/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

LCS Dup (B5D1726-BSD1)

Isotope Dilution Analog: 13C2-PFDoDA	214	ng/L	160.0		134	60-139			04/22/2025	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	204	ng/L	160.0		128	41-133			04/22/2025	
Isotope Dilution Analog: 13C2-PFTeDA	186	ng/L	160.0		116	10-133			04/22/2025	
Isotope Dilution Analog: 13C3-HFPODA	328	ng/L	320.0		103	62-136			04/22/2025	
Isotope Dilution Analog: 13C3-PFBS	129	ng/L	149.1		86.7	58-132			04/22/2025	
Isotope Dilution Analog: 13C3-PFHxS	150	ng/L	151.7		98.7	80-124			04/22/2025	
Isotope Dilution Analog: 13C4-PFBA	159	ng/L	160.0		99.1	76-124			04/22/2025	
Isotope Dilution Analog: 13C4-PFHpA	163	ng/L	160.0		102	81-125			04/22/2025	
Isotope Dilution Analog: 13C5-PFHxA	157	ng/L	160.0		98.1	81-124			04/22/2025	
Isotope Dilution Analog: 13C5-PFPeA	158	ng/L	160.0		98.7	78-123			04/22/2025	
Isotope Dilution Analog: 13C6-PFDA	159	ng/L	160.0		99.1	77-126			04/22/2025	
Isotope Dilution Analog: 13C7-PFUoDA	168	ng/L	160.0		105	75-127			04/22/2025	
Isotope Dilution Analog: 13C8-PFOA	160	ng/L	160.0		100	81-125			04/22/2025	
Isotope Dilution Analog: 13C8-PFOS	153	ng/L	153.4		99.9	79-122			04/22/2025	
Isotope Dilution Analog: 13C8-PFOA	169	ng/L	160.0		105	80-122			04/22/2025	
Isotope Dilution Analog: 13C9-PFNA	168	ng/L	160.0		105	80-126			04/22/2025	
Isotope Dilution Analog: d3-N-MeFOSAA	169	ng/L	160.0		106	64-144			04/22/2025	
Isotope Dilution Analog: d5-N-EtFOSAA	176	ng/L	160.0		110	64-149			04/22/2025	

MRL Check (B5D1726-MRL1)

11Cl-PF3OUdS	4.56	ng/L	3.780		121	76-128			04/22/2025	
3:3FTCA	5.12	ng/L	4.000		128	58-153			04/22/2025	
4:2FTS	4.16	ng/L	3.740		111	69-139			04/22/2025	
5:3FTCA	4.72	ng/L	4.000		118	65-139			04/22/2025	
6:2FTS	4.14	ng/L	3.800		109	58-134			04/22/2025	
7:3FTCA	4.06	ng/L	4.000		102	48-140			04/22/2025	
8:2FTS	4.02	ng/L	3.840		105	66-141			04/22/2025	
9Cl-PF3ONS	4.16	ng/L	3.740		111	72-139			04/22/2025	
ADONA	4.12	ng/L	3.780		109	75-128			04/22/2025	
HFPO-DA	4.34	ng/L	4.000		108	55-150			04/22/2025	
NEtFOSAA	4.66	ng/L	4.000		116	60-142			04/22/2025	
NMeFOSAA	4.64	ng/L	4.000		116	67-135			04/22/2025	
PFBA	3.98	ng/L	4.000		99.5	55-131			04/22/2025	J
PFBS	3.76	ng/L	3.540		106	64-126			04/22/2025	
PFBSA	4.02	ng/L	4.000		100	75-131			04/22/2025	
PFDA	4.16	ng/L	4.000		104	67-139			04/22/2025	
PFDoDA	4.06	ng/L	4.000		102	75-128			04/22/2025	
PFDS	3.78	ng/L	3.860		97.9	71-136			04/22/2025	
PFECHS	4.24	ng/L	3.696		115	69-134			04/22/2025	
PFHpA	4.16	ng/L	4.000		104	66-131			04/22/2025	
PFHpS	5.18	ng/L	3.820		136	63-140			04/22/2025	
PFHxA	4.44	ng/L	4.000		111	65-132			04/22/2025	
PFHxS	4.52	ng/L	3.650		124	68-139			04/22/2025	
PFHxSA	4.18	ng/L	4.000		104	76-128			04/22/2025	
PFNA	4.08	ng/L	4.000		102	58-143			04/22/2025	
PFNS	4.06	ng/L	3.840		106	71-137			04/22/2025	
PFOA	4.78	ng/L	4.000		120	58-144			04/22/2025	
PFOS	4.20	ng/L	3.704		113	75-135			04/22/2025	
PFOSA	4.44	ng/L	4.000		111	76-132			04/22/2025	
PFPeA	5.00	ng/L	4.000		125	67-128			04/22/2025	
PFPeS	4.06	ng/L	3.760		108	73-134			04/22/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

MRL Check (B5D1726-MRL1)

PFTeDA	4.02	ng/L	4.000		100	71-132			04/22/2025	
PFTrDA	3.78	ng/L	4.000		94.5	70-121			04/22/2025	J
PFUnDA	4.38	ng/L	4.000		110	76-126			04/22/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	244	ng/L	150.1		163	31-202			04/22/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	150	ng/L	152.2		98.5	10-220			04/22/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	139	ng/L	153.6		90.4	16-189			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	216	ng/L	160.0		135	60-139			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	208	ng/L	160.0		130	41-133			04/22/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	194	ng/L	160.0		121	10-133			04/22/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	337	ng/L	320.0		105	62-136			04/22/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	130	ng/L	149.1		87.1	58-132			04/22/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	151	ng/L	151.7		99.8	80-124			04/22/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>	161	ng/L	160.0		101	76-124			04/22/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	162	ng/L	160.0		101	81-125			04/22/2025	
<i>Isotope Dilution Analog: 13C5-PFHxS</i>	163	ng/L	160.0		102	81-124			04/22/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	159	ng/L	160.0		99.5	78-123			04/22/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	168	ng/L	160.0		105	77-126			04/22/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>	163	ng/L	160.0		102	75-127			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	161	ng/L	160.0		101	81-125			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOS</i>	159	ng/L	153.4		104	79-122			04/22/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	169	ng/L	160.0		105	80-122			04/22/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	177	ng/L	160.0		110	80-126			04/22/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	171	ng/L	160.0		107	64-144			04/22/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	164	ng/L	160.0		103	64-149			04/22/2025	

Matrix Spike (B5D1726-MS1)

Source: 2504167-01

11Cl-PF3OUdS	41.3	ng/L	37.80	ND	109	74-127			04/24/2025	
3:3FTCA	45.2	ng/L	40.00	ND	113	76-135			04/24/2025	
4:2FTS	43.0	ng/L	37.40	ND	115	78-134			04/24/2025	
5:3FTCA	45.3	ng/L	40.00	ND	113	76-131			04/24/2025	
6:2FTS	42.2	ng/L	38.00	ND	111	76-134			04/24/2025	
7:3FTCA	44.1	ng/L	40.00	ND	110	57-143			04/24/2025	
8:2FTS	39.1	ng/L	38.40	ND	102	80-134			04/24/2025	
9Cl-PF3ONS	42.2	ng/L	37.40	ND	113	80-130			04/24/2025	
ADONA	43.9	ng/L	37.80	ND	116	81-135			04/24/2025	
HFPO-DA	41.3	ng/L	40.00	ND	103	76-135			04/24/2025	
NEtFOSAA	44.9	ng/L	40.00	ND	112	80-131			04/24/2025	
NMeFOSAA	44.6	ng/L	40.00	ND	111	80-131			04/24/2025	
PFBA	47.0	ng/L	40.00	2.04	112	80-132			04/24/2025	
PFBS	41.4	ng/L	35.40	1.04	114	82-132			04/24/2025	
PFBSA	43.4	ng/L	40.00	ND	108	74-140			04/24/2025	
PFDA	47.1	ng/L	40.00	ND	118	81-134			04/24/2025	
PFDoDA	43.6	ng/L	40.00	ND	109	83-132			04/24/2025	
PFDS	41.6	ng/L	38.60	ND	108	75-129			04/24/2025	
PFECHS	44.1	ng/L	36.96	ND	119	32-180			04/24/2025	
PFHpA	48.5	ng/L	40.00	1.22	118	76-136			04/24/2025	
PFHpS	46.4	ng/L	38.20	ND	121	78-135			04/24/2025	
PFHxA	47.7	ng/L	40.00	1.74	115	76-139			04/24/2025	
PFHxS	44.6	ng/L	36.50	1.02	119	66-150			04/24/2025	
PFHxSA	45.6	ng/L	40.00	ND	114	74-135			04/24/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

Matrix Spike (B5D1726-MS1)

Source: 2504167-01

PFNA	44.0	ng/L	40.00	ND	110	81-132			04/24/2025	
PFNS	41.9	ng/L	38.40	ND	109	76-134			04/24/2025	
PFOA	43.6	ng/L	40.00	1.56	105	80-135			04/24/2025	
PFOS	45.7	ng/L	37.04	2.14	117	71-141			04/24/2025	
PFOSA	44.1	ng/L	40.00	ND	110	75-135			04/24/2025	
PFPeA	50.2	ng/L	40.00	2.18	120	71-143			04/24/2025	
PFPeS	44.1	ng/L	37.60	ND	117	79-133			04/24/2025	
PFTeDA	43.2	ng/L	40.00	ND	108	78-141			04/24/2025	
PFTrDA	35.0	ng/L	40.00	ND	87.6	72-128			04/24/2025	
PFUnDA	44.6	ng/L	40.00	ND	111	81-131			04/24/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	221	ng/L	150.1		148	31-202			04/24/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	159	ng/L	152.2		104	10-220			04/24/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	137	ng/L	153.6		89.3	16-189			04/24/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	172	ng/L	160.0		107	60-139			04/24/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>	151	ng/L	160.0		94.1	41-133			04/24/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	111	ng/L	160.0		69.3	10-133			04/24/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	283	ng/L	320.0		88.5	62-136			04/24/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	128	ng/L	149.1		85.9	58-132			04/24/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	152	ng/L	151.7		100	80-124			04/24/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>	150	ng/L	160.0		93.6	76-124			04/24/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	158	ng/L	160.0		98.9	81-125			04/24/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>	149	ng/L	160.0		93.0	81-124			04/24/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	149	ng/L	160.0		93.2	78-123			04/24/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	147	ng/L	160.0		91.8	77-126			04/24/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>	149	ng/L	160.0		93.0	75-127			04/24/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	161	ng/L	160.0		101	81-125			04/24/2025	
<i>Isotope Dilution Analog: 13C8-PFOS</i>	148	ng/L	153.4		96.6	79-122			04/24/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	159	ng/L	160.0		99.4	80-122			04/24/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	161	ng/L	160.0		101	80-126			04/24/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	167	ng/L	160.0		104	64-144			04/24/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	179	ng/L	160.0		112	64-149			04/24/2025	

Matrix Spike Dup (B5D1726-MSD1)

Source: 2504167-01

11Cl-PF3OUds	39.3	ng/L	37.80	ND	104	74-127	5.06	16.6	04/24/2025	
3:3FTCA	50.9	ng/L	40.00	ND	127	76-135	11.7	19.2	04/24/2025	
4:2FTS	44.7	ng/L	37.40	ND	120	78-134	3.97	19.3	04/24/2025	
5:3FTCA	43.9	ng/L	40.00	ND	110	76-131	3.18	16.1	04/24/2025	
6:2FTS	44.0	ng/L	38.00	ND	116	76-134	4.32	16.8	04/24/2025	
7:3FTCA	42.8	ng/L	40.00	ND	107	57-143	2.99	22.5	04/24/2025	
8:2FTS	42.5	ng/L	38.40	ND	111	80-134	8.33	17.5	04/24/2025	
9Cl-PF3ONS	42.1	ng/L	37.40	ND	112	80-130	0.380	13.1	04/24/2025	
ADONA	43.3	ng/L	37.80	ND	115	81-135	1.37	13	04/24/2025	
HFPO-DA	42.6	ng/L	40.00	ND	107	76-135	3.05	23.2	04/24/2025	
NEtFOSAA	48.2	ng/L	40.00	ND	121	80-131	7.04	14.3	04/24/2025	
NMeFOSAA	44.4	ng/L	40.00	ND	111	80-131	0.315	14.2	04/24/2025	
PFBA	46.9	ng/L	40.00	2.04	112	80-132	0.128	11.6	04/24/2025	
PFBS	40.7	ng/L	35.40	1.04	112	82-132	1.75	13.6	04/24/2025	
PFBSA	41.7	ng/L	40.00	ND	104	74-140	3.90	15.6	04/24/2025	
PFDA	44.3	ng/L	40.00	ND	111	81-134	6.17	15.9	04/24/2025	
PFDoDA	43.4	ng/L	40.00	ND	108	83-132	0.460	12.6	04/24/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
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Batch B5D1726 - Method: 3512

Prepared: 04/17/2025

Matrix Spike Dup (B5D1726-MSD1)

Source: 2504167-01

PFDS	40.2	ng/L	38.60	ND	104	75-129	3.47	18.7	04/24/2025	
PFECHS	44.3	ng/L	36.96	ND	120	32-180	0.543	15.4	04/24/2025	
PFHpA	46.9	ng/L	40.00	1.22	114	76-136	3.40	13.3	04/24/2025	
PFHpS	45.1	ng/L	38.20	ND	118	78-135	2.80	14.7	04/24/2025	
PFHxA	50.5	ng/L	40.00	1.74	122	76-139	5.62	12.6	04/24/2025	
PFHxS	43.1	ng/L	36.50	1.02	115	66-150	3.42	14.7	04/24/2025	
PFHxSA	41.1	ng/L	40.00	ND	103	74-135	10.4	14.8	04/24/2025	
PFNA	43.3	ng/L	40.00	ND	108	81-132	1.56	13.7	04/24/2025	
PFNS	42.2	ng/L	38.40	ND	110	76-134	0.618	14.5	04/24/2025	
PFOA	45.7	ng/L	40.00	1.56	110	80-135	4.66	12.4	04/24/2025	
PFOS	43.7	ng/L	37.04	2.14	112	71-141	4.34	13.2	04/24/2025	
PFOSA	43.9	ng/L	40.00	ND	110	75-135	0.409	13.8	04/24/2025	
PFPeA	48.7	ng/L	40.00	2.18	116	71-143	3.03	11.5	04/24/2025	
PFPeS	42.9	ng/L	37.60	ND	114	79-133	2.71	14.8	04/24/2025	
PFTeDA	44.2	ng/L	40.00	ND	111	78-141	2.33	16.2	04/24/2025	
PFTrDA	35.9	ng/L	40.00	ND	89.8	72-128	2.54	19.1	04/24/2025	
PFUnDA	43.0	ng/L	40.00	ND	108	81-131	3.56	13.2	04/24/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	<i>214</i>	<i>ng/L</i>	<i>150.1</i>		<i>142</i>	<i>31-202</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	<i>160</i>	<i>ng/L</i>	<i>152.2</i>		<i>105</i>	<i>10-220</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	<i>131</i>	<i>ng/L</i>	<i>153.6</i>		<i>85.4</i>	<i>16-189</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	<i>184</i>	<i>ng/L</i>	<i>160.0</i>		<i>115</i>	<i>60-139</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>	<i>162</i>	<i>ng/L</i>	<i>160.0</i>		<i>101</i>	<i>41-133</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	<i>121</i>	<i>ng/L</i>	<i>160.0</i>		<i>75.6</i>	<i>10-133</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	<i>284</i>	<i>ng/L</i>	<i>320.0</i>		<i>88.8</i>	<i>62-136</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	<i>127</i>	<i>ng/L</i>	<i>149.1</i>		<i>85.4</i>	<i>58-132</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	<i>161</i>	<i>ng/L</i>	<i>151.7</i>		<i>106</i>	<i>80-124</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C4-PFBA</i>	<i>152</i>	<i>ng/L</i>	<i>160.0</i>		<i>94.7</i>	<i>76-124</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	<i>162</i>	<i>ng/L</i>	<i>160.0</i>		<i>101</i>	<i>81-125</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>	<i>147</i>	<i>ng/L</i>	<i>160.0</i>		<i>91.9</i>	<i>81-124</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	<i>152</i>	<i>ng/L</i>	<i>160.0</i>		<i>94.8</i>	<i>78-123</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	<i>151</i>	<i>ng/L</i>	<i>160.0</i>		<i>94.3</i>	<i>77-126</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>	<i>154</i>	<i>ng/L</i>	<i>160.0</i>		<i>96.0</i>	<i>75-127</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	<i>158</i>	<i>ng/L</i>	<i>160.0</i>		<i>99.0</i>	<i>81-125</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C8-PFOS</i>	<i>155</i>	<i>ng/L</i>	<i>153.4</i>		<i>101</i>	<i>79-122</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	<i>167</i>	<i>ng/L</i>	<i>160.0</i>		<i>104</i>	<i>80-122</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	<i>165</i>	<i>ng/L</i>	<i>160.0</i>		<i>103</i>	<i>80-126</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	<i>171</i>	<i>ng/L</i>	<i>160.0</i>		<i>107</i>	<i>64-144</i>			<i>04/24/2025</i>	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	<i>176</i>	<i>ng/L</i>	<i>160.0</i>		<i>110</i>	<i>64-149</i>			<i>04/24/2025</i>	