

Client ID: Raw (IN002)

Lab ID: 2507318-01

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	08/02/25	B5G2333	8327	BM	
356-02-5	3:3FTCA	ND	4.0	ng/L	1	08/02/25	B5G2333	8327	BM	
757124-72-4	4:2FTS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
914637-49-3	5:3FTCA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
27619-97-2	6:2FTS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
812-70-4	7:3FTCA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
39108-34-4	8:2FTS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
756426-58-1	9Cl-PF3ONS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
919005-14-4	ADONA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
13252-13-6	HFPO-DA	ND	4.0	ng/L	1	08/02/25	B5G2333	8327	BM	
2991-50-6	NEtFOSAA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
2355-31-9	NMeFOSAA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
375-22-4	PFBA	2.1	4.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
375-73-5	PFBS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
30334-69-1	PFBSA	0.4	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
335-76-2	PFDA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
307-55-1	PFDODA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
335-77-3	PFDS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
646-83-3	PFECHS	0.9	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
375-85-9	PFHpA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
375-92-8	PFHpS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
307-24-4	PFHxA	1.3	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
355-46-4	PFHxS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
41997-13-1	PFHxSA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
375-95-1	PFNA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
68259-12-1	PFNS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
335-67-1	PFOA	1.8	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
1763-23-1	PFOS	2.0	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
754-91-6	PFOSA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
2706-90-3	PFPeA	1.2	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
2706-91-4	PFPeS	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
376-06-7	PFTeDA	ND	4.0	ng/L	1	08/02/25	B5G2333	8327	BM	
72629-94-8	PFTTrDA	ND	4.0	ng/L	1	08/02/25	B5G2333	8327	BM	
2058-94-8	PFUnDA	ND	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>			97.1 %		47-213	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>			97.6 %		10-169	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>			95.6 %		15-176	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>			99.7 %		51-139	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>			91.3 %		38-128	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>			79.5 %		10-123	08/02/25	B5G2333	8327	BM	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>			106 %		67-127	08/02/25	B5G2333	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>		87.9 %		67-115	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C3-PFHxS</i>		97.9 %		87-116	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C4-PFBA</i>		98.3 %		72-121	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C4-PFHpA</i>		101 %		87-117	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C5-PFHxA</i>		101 %		85-116	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C5-PFPeA</i>		99.2 %		83-116	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C6-PFDA</i>		102 %		72-123	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C7-PFUnDA</i>		103 %		73-121	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C8-PFOA</i>		99.9 %		82-117	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C8-PFOS</i>		98.8 %		84-114	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C8-PFOA</i>		98.4 %		84-117	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: 13C9-PFNA</i>		105 %		83-123	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>		102 %		76-130	08/02/25	B5G2333	8327		BM
	<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>		102 %		74-136	08/02/25	B5G2333	8327		BM

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
Batch B5G2333 - Method: 3512										
Prepared: 07/23/2025										
Blank (B5G2333-BLK1)										
11Cl-PF3OUdS	ND	ng/L							08/02/2025	
3:3FTCA	ND	ng/L							08/02/2025	
4:2FTS	ND	ng/L							08/02/2025	
5:3FTCA	ND	ng/L							08/02/2025	
6:2FTS	ND	ng/L							08/02/2025	
7:3FTCA	ND	ng/L							08/02/2025	
8:2FTS	ND	ng/L							08/02/2025	
9Cl-PF3ONS	ND	ng/L							08/02/2025	
ADONA	ND	ng/L							08/02/2025	
HFPO-DA	ND	ng/L							08/02/2025	
NEtFOSAA	ND	ng/L							08/02/2025	
NMeFOSAA	ND	ng/L							08/02/2025	
PFBA	ND	ng/L							08/02/2025	
PFBS	ND	ng/L							08/02/2025	
PFBSA	ND	ng/L							08/02/2025	
PFDA	ND	ng/L							08/02/2025	
PFDoDA	ND	ng/L							08/02/2025	
PFDS	ND	ng/L							08/02/2025	
PFECHS	ND	ng/L							08/02/2025	
PFHpA	ND	ng/L							08/02/2025	
PFHpS	ND	ng/L							08/02/2025	
PFHxA	ND	ng/L							08/02/2025	
PFHxS	ND	ng/L							08/02/2025	
PFHxSA	ND	ng/L							08/02/2025	
PFNA	ND	ng/L							08/02/2025	
PFNS	ND	ng/L							08/02/2025	
PFOA	ND	ng/L							08/02/2025	
PFOS	ND	ng/L							08/02/2025	
PFOSA	ND	ng/L							08/02/2025	
PFPeA	ND	ng/L							08/02/2025	
PFPeS	ND	ng/L							08/02/2025	
PFTeDA	ND	ng/L							08/02/2025	
PFTTrDA	ND	ng/L							08/02/2025	
PFUnDA	ND	ng/L							08/02/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	155	ng/L	150.1		103	47-213			08/02/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	138	ng/L	152.2		90.8	10-169			08/02/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	150	ng/L	153.6		97.6	15-176			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	163	ng/L	160.0		102	51-139			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>	158	ng/L	160.0		98.6	38-128			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	151	ng/L	160.0		94.4	10-123			08/02/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	309	ng/L	320.0		96.6	67-127			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	136	ng/L	149.1		90.9	67-115			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	151	ng/L	151.7		99.8	87-116			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>	161	ng/L	160.0		101	72-121			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	161	ng/L	160.0		101	87-117			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>	160	ng/L	160.0		100	85-116			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	161	ng/L	160.0		100	83-116			08/02/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	160	ng/L	160.0		100	72-123			08/02/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>	164	ng/L	160.0		103	73-121			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	146	ng/L	160.0		91.5	82-117			08/02/2025	

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 B5G2333 - Method: 3512

Prepared: 07/23/2025

Blank (B5G2333-BLK1)

<i>Isotope Dilution Analog: 13C8-PFOS</i>	149	ng/L	153.4		97.1	84-114			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>	156	ng/L	160.0		97.8	84-117			08/02/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	166	ng/L	160.0		104	83-123			08/02/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	165	ng/L	160.0		103	76-130			08/02/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	165	ng/L	160.0		103	74-136			08/02/2025	

LCS (B5G2333-BS1)

11CI-PF3OUds	40.0	ng/L	37.80		106	76-132			08/02/2025	
3:3FTCA	41.3	ng/L	40.00		103	68-138			08/02/2025	
4:2FTS	48.8	ng/L	37.40		130	79-132			08/02/2025	
5:3FTCA	44.1	ng/L	40.00		110	75-130			08/02/2025	
6:2FTS	46.6	ng/L	38.00		123	80-130			08/02/2025	
7:3FTCA	39.4	ng/L	40.00		98.6	76-131			08/02/2025	
8:2FTS	45.8	ng/L	38.40		119	79-133			08/02/2025	
9CI-PF3ONS	39.7	ng/L	37.40		106	77-133			08/02/2025	
ADONA	39.6	ng/L	37.80		105	79-133			08/02/2025	
HFPO-DA	46.5	ng/L	40.00		116	73-138			08/02/2025	
NEtFOSAA	50.6	ng/L	40.00		126	78-131			08/02/2025	
NMeFOSAA	49.7	ng/L	40.00		124	79-130			08/02/2025	
PFBA	49.1	ng/L	40.00		123	77-131			08/02/2025	
PFBS	43.9	ng/L	35.40		124	82-130			08/02/2025	
PFBSA	44.6	ng/L	40.00		112	78-125			08/02/2025	
PFDA	48.5	ng/L	40.00		121	78-132			08/02/2025	
PFDoDA	49.4	ng/L	40.00		123	80-132			08/02/2025	
PFDS	45.4	ng/L	38.60		118	76-134			08/02/2025	
PFECHS	39.5	ng/L	36.96		107	75-136			08/02/2025	
PFHpA	48.9	ng/L	40.00		122	78-131			08/02/2025	
PFHpS	48.3	ng/L	38.20		126	76-132			08/02/2025	
PFHxA	49.0	ng/L	40.00		123	79-135			08/02/2025	
PFHxS	45.7	ng/L	36.50		125	78-132			08/02/2025	
PFHxSA	43.1	ng/L	40.00		108	79-125			08/02/2025	
PFNA	48.5	ng/L	40.00		121	80-128			08/02/2025	
PFNS	46.0	ng/L	38.40		120	79-133			08/02/2025	
PFOA	47.4	ng/L	40.00		118	78-132			08/02/2025	
PFOS	43.4	ng/L	37.04		117	80-133			08/02/2025	
PFOSA	48.5	ng/L	40.00		121	80-127			08/02/2025	
PFPeA	48.2	ng/L	40.00		121	76-135			08/02/2025	
PFPeS	46.8	ng/L	37.60		124	76-131			08/02/2025	
PFTeDA	48.0	ng/L	40.00		120	80-130			08/02/2025	
PFTTrDA	47.1	ng/L	40.00		118	74-127			08/02/2025	
PFUnDA	49.2	ng/L	40.00		123	80-133			08/02/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	142	ng/L	150.1		94.4	47-213			08/02/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	129	ng/L	152.2		84.5	10-169			08/02/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	151	ng/L	153.6		98.1	15-176			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	168	ng/L	160.0		105	51-139			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>	168	ng/L	160.0		105	38-128			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	168	ng/L	160.0		105	10-123			08/02/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>	307	ng/L	320.0		96.1	67-127			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	135	ng/L	149.1		90.3	67-115			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	147	ng/L	151.7		97.1	87-116			08/02/2025	

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 B5G2333 - Method: 3512

Prepared: 07/23/2025

LCS (B5G2333-BS1)

Isotope Dilution Analog: 13C4-PFBA	160	ng/L	160.0		100	72-121			08/02/2025	
Isotope Dilution Analog: 13C4-PFHpA	161	ng/L	160.0		101	87-117			08/02/2025	
Isotope Dilution Analog: 13C5-PFHxA	161	ng/L	160.0		100	85-116			08/02/2025	
Isotope Dilution Analog: 13C5-PFPeA	160	ng/L	160.0		100	83-116			08/02/2025	
Isotope Dilution Analog: 13C6-PFDA	165	ng/L	160.0		103	72-123			08/02/2025	
Isotope Dilution Analog: 13C7-PFUnDA	167	ng/L	160.0		104	73-121			08/02/2025	
Isotope Dilution Analog: 13C8-PFOA	163	ng/L	160.0		102	82-117			08/02/2025	
Isotope Dilution Analog: 13C8-PFOS	155	ng/L	153.4		101	84-114			08/02/2025	
Isotope Dilution Analog: 13C8-PFOSA	160	ng/L	160.0		99.9	84-117			08/02/2025	
Isotope Dilution Analog: 13C9-PFNA	166	ng/L	160.0		104	83-123			08/02/2025	
Isotope Dilution Analog: d3-N-MeFOSAA	165	ng/L	160.0		103	76-130			08/02/2025	
Isotope Dilution Analog: d5-N-EtFOSAA	164	ng/L	160.0		103	74-136			08/02/2025	

LCS Dup (B5G2333-BSD1)

11Cl-PF3OUdS	40.5	ng/L	37.80		107	76-132	1.14	200	08/02/2025	
3:3FTCA	43.8	ng/L	40.00		110	68-138	6.02	200	08/02/2025	
4:2FTS	46.6	ng/L	37.40		125	79-132	4.61	200	08/02/2025	
5:3FTCA	44.2	ng/L	40.00		110	75-130	0.181	200	08/02/2025	
6:2FTS	45.9	ng/L	38.00		121	80-130	1.51	200	08/02/2025	
7:3FTCA	40.4	ng/L	40.00		101	76-131	2.31	200	08/02/2025	
8:2FTS	47.5	ng/L	38.40		124	79-133	3.82	200	08/02/2025	
9Cl-PF3ONS	40.9	ng/L	37.40		109	77-133	3.18	200	08/02/2025	
ADONA	40.7	ng/L	37.80		108	79-133	2.74	200	08/02/2025	
HFPO-DA	44.7	ng/L	40.00		112	73-138	3.90	200	08/02/2025	
NEtFOSAA	47.9	ng/L	40.00		120	78-131	5.44	200	08/02/2025	
NMeFOSAA	49.3	ng/L	40.00		123	79-130	0.728	200	08/02/2025	
PFBA	48.4	ng/L	40.00		121	77-131	1.43	200	08/02/2025	
PFBS	43.7	ng/L	35.40		124	82-130	0.365	200	08/02/2025	
PFBSA	44.1	ng/L	40.00		110	78-125	1.17	200	08/02/2025	
PFDA	49.4	ng/L	40.00		124	78-132	1.88	200	08/02/2025	
PFDODA	49.3	ng/L	40.00		123	80-132	0.203	200	08/02/2025	
PFDS	45.2	ng/L	38.60		117	76-134	0.485	200	08/02/2025	
PFECHS	41.2	ng/L	36.96		112	75-136	4.26	200	08/02/2025	
PFHpA	47.5	ng/L	40.00		119	78-131	2.86	200	08/02/2025	
PFHpS	48.6	ng/L	38.20		127	76-132	0.578	200	08/02/2025	
PFHxA	48.9	ng/L	40.00		122	79-135	0.286	200	08/02/2025	
PFHxS	47.2	ng/L	36.50		129	78-132	3.32	200	08/02/2025	
PFHxSA	43.5	ng/L	40.00		109	79-125	0.971	200	08/02/2025	
PFNA	46.6	ng/L	40.00		116	80-128	4.08	200	08/02/2025	
PFNS	47.2	ng/L	38.40		123	79-133	2.70	200	08/02/2025	
PFOA	49.3	ng/L	40.00		123	78-132	4.05	200	08/02/2025	
PFOS	45.4	ng/L	37.04		123	80-133	4.64	200	08/02/2025	
PFOSA	48.9	ng/L	40.00		122	80-127	0.780	200	08/02/2025	
PFPeA	47.5	ng/L	40.00		119	76-135	1.50	200	08/02/2025	
PFPeS	45.2	ng/L	37.60		120	76-131	3.44	200	08/02/2025	
PFTeDA	48.8	ng/L	40.00		122	80-130	1.73	200	08/02/2025	
PFTrDA	47.8	ng/L	40.00		119	74-127	1.52	200	08/02/2025	
PFUnDA	47.6	ng/L	40.00		119	80-133	3.35	200	08/02/2025	
Isotope Dilution Analog: 13C2-4:2FTS	140	ng/L	150.1		93.1	47-213			08/02/2025	
Isotope Dilution Analog: 13C2-6:2FTS	130	ng/L	152.2		85.7	10-169			08/02/2025	
Isotope Dilution Analog: 13C2-8:2FTS	151	ng/L	153.6		98.0	15-176			08/02/2025	