

Client ID: Raw (IN002)

Lab ID: 2507318-01

CAS #	Analyte	Result	RL	Units	Dilution	Analyzed Date	QC Batch	Method	Analyst	Qualifier
<b>Organics-PFAS Isotope Dilution</b>										
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	<b>PFBA</b>	<b>2.1</b>	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	<b>PFBSA</b>	<b>0.4</b>	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	<b>PFECHS</b>	<b>0.9</b>	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	<b>PFHxA</b>	<b>1.3</b>	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	<b>PFOA</b>	<b>1.8</b>	2.0	ng/L	1	08/02/25	B5G2333	8327	BM	J
1763-23-1	<b>PFOS</b>	<b>2.0</b>	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	<b>PFPeA</b>	<b>1.2</b>	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	

**Client ID: Raw (IN002)**

**Lab ID: 2507318-01**

CAS #	Analyte	Result	RL	Units	Dilution	Analyzed Date	QC Batch	Method	Analyst	Qualifier
<b>Organics-PFAS Isotope Dilution</b>										
	<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
<b>Batch B5G2333 - Method: 3512</b>										
<b>Prepared: 07/23/2025</b>										
<b>Blank (B5G2333-BLK1)</b>										
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
---------	--------	-------	-------------	---------------	------	-------------	-----	-----------	----------	-----------

**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-PFOSA</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
---------	--------	-------	-------------	---------------	------	-------------	-----	-----------	----------	-----------

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	

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**

**LCS Dup (B5G2333-BSD1)**

Isotope Dilution Analog: 13C2-PFDoDA	161	ng/L	160.0		101	51-139			08/02/2025	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	158	ng/L	160.0		98.8	38-128			08/02/2025	
Isotope Dilution Analog: 13C2-PFTeDA	154	ng/L	160.0		96.2	10-123			08/02/2025	
Isotope Dilution Analog: 13C3-HFPODA	319	ng/L	320.0		99.5	67-127			08/02/2025	
Isotope Dilution Analog: 13C3-PFBS	131	ng/L	149.1		87.8	67-115			08/02/2025	
Isotope Dilution Analog: 13C3-PFHxS	149	ng/L	151.7		98.3	87-116			08/02/2025	
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	163	ng/L	160.0		102	72-123			08/02/2025	
Isotope Dilution Analog: 13C7-PFUnDA	165	ng/L	160.0		103	73-121			08/02/2025	
Isotope Dilution Analog: 13C8-PFOA	159	ng/L	160.0		99.4	82-117			08/02/2025	
Isotope Dilution Analog: 13C8-PFOS	151	ng/L	153.4		98.5	84-114			08/02/2025	
Isotope Dilution Analog: 13C8-PFOA	160	ng/L	160.0		100	84-117			08/02/2025	
Isotope Dilution Analog: 13C9-PFNA	165	ng/L	160.0		103	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	168	ng/L	160.0		105	74-136			08/02/2025	

**MRL Check (B5G2333-MRL1)**

11CI-PF3OUdS	3.78	ng/L	3.780		100	76-131			08/02/2025	
3:3FTCA	4.54	ng/L	4.000		114	62-156			08/02/2025	
4:2FTS	3.82	ng/L	3.740		102	73-139			08/02/2025	
5:3FTCA	3.70	ng/L	4.000		92.5	72-139			08/02/2025	
6:2FTS	3.80	ng/L	3.800		100	65-144			08/02/2025	
7:3FTCA	3.78	ng/L	4.000		94.5	72-139			08/02/2025	
8:2FTS	3.80	ng/L	3.840		99.0	68-140			08/02/2025	
9CI-PF3ONS	3.64	ng/L	3.740		97.3	78-128			08/02/2025	
ADONA	3.66	ng/L	3.780		96.8	78-129			08/02/2025	
HFPO-DA	3.06	ng/L	4.000		76.5	53-155			08/02/2025	J
NEtFOSAA	4.52	ng/L	4.000		113	68-143			08/02/2025	
NMeFOSAA	3.96	ng/L	4.000		99.0	70-133			08/02/2025	
PFBA	4.26	ng/L	4.000		106	64-139			08/02/2025	
PFBS	3.64	ng/L	3.540		103	70-134			08/02/2025	
PFBSA	4.04	ng/L	4.000		101	78-131			08/02/2025	
PFDA	4.28	ng/L	4.000		107	75-132			08/02/2025	
PFDoDA	3.94	ng/L	4.000		98.5	79-127			08/02/2025	
PFDS	3.52	ng/L	3.860		91.2	71-140			08/02/2025	
PFECHS	3.88	ng/L	3.696		105	74-139			08/02/2025	
PFHpA	3.62	ng/L	4.000		90.5	73-132			08/02/2025	
PFHpS	3.58	ng/L	3.820		93.7	66-144			08/02/2025	
PFHxA	3.68	ng/L	4.000		92.0	76-133			08/02/2025	
PFHxS	3.92	ng/L	3.650		107	77-137			08/02/2025	
PFHxSA	3.78	ng/L	4.000		94.5	78-130			08/02/2025	
PFNA	4.12	ng/L	4.000		103	67-140			08/02/2025	
PFNS	3.84	ng/L	3.840		100	74-137			08/02/2025	
PFOA	3.46	ng/L	4.000		86.5	64-141			08/02/2025	
PFOS	3.48	ng/L	3.704		94.0	76-144			08/02/2025	
PFOSA	4.28	ng/L	4.000		107	78-132			08/02/2025	
PFPeA	3.46	ng/L	4.000		86.5	74-136			08/02/2025	
PFPeS	3.80	ng/L	3.760		101	74-135			08/02/2025	

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**

**MRL Check (B5G2333-MRL1)**

PFTeDA	3.94	ng/L	4.000		98.5	76-130			08/02/2025	J
PFTrDA	3.78	ng/L	4.000		94.5	71-124			08/02/2025	J
PFUnDA	3.76	ng/L	4.000		94.0	73-133			08/02/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>	142	ng/L	150.1		94.8	47-213			08/02/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>	158	ng/L	152.2		104	10-169			08/02/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>	149	ng/L	153.6		97.3	15-176			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>	164	ng/L	160.0		102	51-139			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	160	ng/L	160.0		99.8	38-128			08/02/2025	
<i>13C2-PFDoDA+13C2-PFTeDA</i>										
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>	154	ng/L	160.0		96.4	10-123			08/02/2025	
<i>Isotope Dilution Analog: 13C3-HFOpDA</i>	313	ng/L	320.0		97.7	67-127			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>	135	ng/L	149.1		90.4	67-115			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>	147	ng/L	151.7		96.9	87-116			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>	160	ng/L	160.0		100	72-121			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>	160	ng/L	160.0		100	87-117			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>	159	ng/L	160.0		99.3	85-116			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>	159	ng/L	160.0		99.3	83-116			08/02/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>	158	ng/L	160.0		98.5	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>	161	ng/L	160.0		100	82-117			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOS</i>	151	ng/L	153.4		98.2	84-114			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOpA</i>	158	ng/L	160.0		99.0	84-117			08/02/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>	164	ng/L	160.0		102	83-123			08/02/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>	163	ng/L	160.0		102	76-130			08/02/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>	163	ng/L	160.0		102	74-136			08/02/2025	

**Matrix Spike (B5G2333-MS1)**

**Source: 2507275-06**

11Cl-PF3OUdS	40.4	ng/L	37.80	ND	107	71-129			08/02/2025	
3:3FTCA	42.9	ng/L	40.00	ND	107	70-138			08/02/2025	
4:2FTS	46.1	ng/L	37.40	ND	123	78-135			08/02/2025	
5:3FTCA	43.4	ng/L	40.00	ND	109	75-131			08/02/2025	
6:2FTS	46.2	ng/L	38.00	ND	122	75-137			08/02/2025	
7:3FTCA	39.0	ng/L	40.00	ND	97.4	73-134			08/02/2025	
8:2FTS	47.6	ng/L	38.40	ND	124	76-135			08/02/2025	
9Cl-PF3ONS	39.7	ng/L	37.40	ND	106	76-136			08/02/2025	
ADONA	40.8	ng/L	37.80	ND	108	79-139			08/02/2025	
HFPO-DA	44.0	ng/L	40.00	ND	110	71-141			08/02/2025	
NEtFOSAA	49.2	ng/L	40.00	ND	123	77-135			08/02/2025	
NMeFOSAA	47.4	ng/L	40.00	ND	119	77-133			08/02/2025	
PFBA	48.1	ng/L	40.00	ND	120	70-141			08/02/2025	
PFBS	42.1	ng/L	35.40	ND	119	79-137			08/02/2025	
PFBSA	44.9	ng/L	40.00	ND	112	75-133			08/02/2025	
PFDA	47.2	ng/L	40.00	ND	118	77-135			08/02/2025	
PFDoDA	47.8	ng/L	40.00	ND	120	79-134			08/02/2025	
PFDS	45.8	ng/L	38.60	ND	119	68-132			08/02/2025	
PFECHS	40.6	ng/L	36.96	ND	110	62-153			08/02/2025	
PFHpA	47.8	ng/L	40.00	ND	119	77-134			08/02/2025	
PFHpS	46.3	ng/L	38.20	ND	121	75-134			08/02/2025	
PFHxA	47.6	ng/L	40.00	ND	119	74-142			08/02/2025	
PFHxS	45.1	ng/L	36.50	ND	123	72-141			08/02/2025	
PFHxSA	42.3	ng/L	40.00	ND	106	76-133			08/02/2025	

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

Matrix Spike (B5G2333-MS1)

Source: 2507275-06

PFNA	45.9	ng/L	40.00	ND	115	77-134			08/02/2025	
PFNS	46.0	ng/L	38.40	ND	120	76-134			08/02/2025	
PFOA	46.6	ng/L	40.00	ND	117	71-141			08/02/2025	
PFOS	43.6	ng/L	37.04	ND	118	71-144			08/02/2025	
PFOSA	48.0	ng/L	40.00	ND	120	78-131			08/02/2025	
PFPeA	48.5	ng/L	40.00	ND	121	72-142			08/02/2025	
PFPeS	45.3	ng/L	37.60	ND	120	70-139			08/02/2025	
PFTeDA	47.8	ng/L	40.00	ND	120	78-133			08/02/2025	
PFTrDA	49.2	ng/L	40.00	ND	123	66-136			08/02/2025	
PFUnDA	46.9	ng/L	40.00	ND	117	79-135			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>										
	150	ng/L	152.2		98.3	10-169			08/02/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>										
	148	ng/L	153.6		96.1	15-176			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>										
	159	ng/L	160.0		99.7	51-139			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>										
	147	ng/L	160.0		91.9	38-128			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>										
	130	ng/L	160.0		81.1	10-123			08/02/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>										
	317	ng/L	320.0		99.1	67-127			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>										
	133	ng/L	149.1		88.9	67-115			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>										
	150	ng/L	151.7		99.1	87-116			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>										
	155	ng/L	160.0		96.8	72-121			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>										
	159	ng/L	160.0		99.4	87-117			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>										
	159	ng/L	160.0		99.5	85-116			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>										
	157	ng/L	160.0		98.1	83-116			08/02/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>										
	161	ng/L	160.0		100	72-123			08/02/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>										
	165	ng/L	160.0		103	73-121			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>										
	161	ng/L	160.0		101	82-117			08/02/2025	
<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>										
	157	ng/L	160.0		98.1	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>										
	163	ng/L	160.0		102	76-130			08/02/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>										
	163	ng/L	160.0		102	74-136			08/02/2025	

Matrix Spike Dup (B5G2333-MSD1)

Source: 2507275-06

11Cl-PF3OUds	38.3	ng/L	37.80	ND	101	71-129	5.44	25.7	08/02/2025	
3:3FTCA	39.7	ng/L	40.00	ND	99.2	70-138	7.79	26.7	08/02/2025	
4:2FTS	46.0	ng/L	37.40	ND	123	78-135	0.391	25.1	08/02/2025	
5:3FTCA	42.1	ng/L	40.00	ND	105	75-131	3.13	26	08/02/2025	
6:2FTS	44.7	ng/L	38.00	ND	118	75-137	3.30	24	08/02/2025	
7:3FTCA	37.6	ng/L	40.00	ND	93.9	73-134	3.71	25.7	08/02/2025	
8:2FTS	46.4	ng/L	38.40	ND	121	76-135	2.59	26.3	08/02/2025	
9Cl-PF3ONS	38.0	ng/L	37.40	ND	102	76-136	4.28	23.9	08/02/2025	
ADONA	38.6	ng/L	37.80	ND	102	79-139	5.44	23	08/02/2025	
HFPO-DA	40.7	ng/L	40.00	ND	102	71-141	7.69	28.8	08/02/2025	
NEtFOSAA	48.0	ng/L	40.00	ND	120	77-135	2.51	24.6	08/02/2025	
NMeFOSAA	45.8	ng/L	40.00	ND	114	77-133	3.56	24.9	08/02/2025	
PFBA	47.3	ng/L	40.00	ND	118	70-141	1.68	21.9	08/02/2025	
PFBS	41.1	ng/L	35.40	ND	116	79-137	2.55	25	08/02/2025	
PFBSA	43.5	ng/L	40.00	ND	109	75-133	3.26	23.4	08/02/2025	
PFDA	47.4	ng/L	40.00	ND	119	77-135	0.550	26.3	08/02/2025	
PFDoDA	47.2	ng/L	40.00	ND	118	79-134	1.35	23.9	08/02/2025	

Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
<b>Batch B5G2333 - Method: 3512</b>					<b>Prepared: 07/23/2025</b>					
<b>Matrix Spike Dup (B5G2333-MSD1)</b>		<b>Source: 2507275-06</b>								
PFDS	42.9	ng/L	38.60	ND	111	68-132	6.53	28.4	08/02/2025	
PFECHS	39.0	ng/L	36.96	ND	105	62-153	4.17	23.1	08/02/2025	
PFHpA	46.5	ng/L	40.00	ND	116	77-134	2.63	24	08/02/2025	
PFHpS	47.4	ng/L	38.20	ND	124	75-134	2.39	25.7	08/02/2025	
PFHxA	47.0	ng/L	40.00	ND	117	74-142	1.31	23	08/02/2025	
PFHxS	43.9	ng/L	36.50	ND	120	72-141	2.56	23.6	08/02/2025	
PFHxSA	42.7	ng/L	40.00	ND	107	76-133	0.800	24.1	08/02/2025	
PFNA	45.3	ng/L	40.00	ND	113	77-134	1.49	24	08/02/2025	
PFNS	42.4	ng/L	38.40	ND	110	76-134	8.15	24.1	08/02/2025	
PFOA	46.3	ng/L	40.00	ND	116	71-141	0.689	22.5	08/02/2025	
PFOS	41.5	ng/L	37.04	ND	112	71-144	4.93	23.4	08/02/2025	
PFOSA	47.1	ng/L	40.00	ND	118	78-131	1.85	23.4	08/02/2025	
PFPeA	46.3	ng/L	40.00	ND	116	72-142	4.47	22.9	08/02/2025	
PFPeS	44.5	ng/L	37.60	ND	118	70-139	1.83	24.4	08/02/2025	
PFTeDA	47.0	ng/L	40.00	ND	117	78-133	1.81	23.6	08/02/2025	
PFTrDA	47.7	ng/L	40.00	ND	119	66-136	3.09	29	08/02/2025	
PFUnDA	46.5	ng/L	40.00	ND	116	79-135	0.685	25.1	08/02/2025	
<i>Isotope Dilution Analog: 13C2-4:2FTS</i>										
	139	ng/L	150.1		92.4	47-213			08/02/2025	
<i>Isotope Dilution Analog: 13C2-6:2FTS</i>										
	148	ng/L	152.2		97.5	10-169			08/02/2025	
<i>Isotope Dilution Analog: 13C2-8:2FTS</i>										
	145	ng/L	153.6		94.4	15-176			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA</i>										
	159	ng/L	160.0		99.3	51-139			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA</i>										
	148	ng/L	160.0		92.7	38-128			08/02/2025	
<i>Isotope Dilution Analog: 13C2-PFTeDA</i>										
	133	ng/L	160.0		83.4	10-123			08/02/2025	
<i>Isotope Dilution Analog: 13C3-HFPODA</i>										
	319	ng/L	320.0		99.7	67-127			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFBS</i>										
	128	ng/L	149.1		85.9	67-115			08/02/2025	
<i>Isotope Dilution Analog: 13C3-PFHxS</i>										
	146	ng/L	151.7		96.5	87-116			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFBA</i>										
	154	ng/L	160.0		96.2	72-121			08/02/2025	
<i>Isotope Dilution Analog: 13C4-PFHpA</i>										
	158	ng/L	160.0		98.8	87-117			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFHxA</i>										
	159	ng/L	160.0		99.4	85-116			08/02/2025	
<i>Isotope Dilution Analog: 13C5-PFPeA</i>										
	157	ng/L	160.0		98.0	83-116			08/02/2025	
<i>Isotope Dilution Analog: 13C6-PFDA</i>										
	158	ng/L	160.0		98.4	72-123			08/02/2025	
<i>Isotope Dilution Analog: 13C7-PFUnDA</i>										
	162	ng/L	160.0		101	73-121			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>										
	159	ng/L	160.0		99.3	82-117			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOS</i>										
	152	ng/L	153.4		99.3	84-114			08/02/2025	
<i>Isotope Dilution Analog: 13C8-PFOA</i>										
	156	ng/L	160.0		97.2	84-117			08/02/2025	
<i>Isotope Dilution Analog: 13C9-PFNA</i>										
	165	ng/L	160.0		103	83-123			08/02/2025	
<i>Isotope Dilution Analog: d3-N-MeFOSAA</i>										
	164	ng/L	160.0		102	76-130			08/02/2025	
<i>Isotope Dilution Analog: d5-N-EtFOSAA</i>										
	160	ng/L	160.0		100	74-136			08/02/2025	