



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
ENVIRONMENTAL LABORATORY

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-9800
FAX: (517) 335-9600

Client ID: Raw South (IN002)

Lab ID: 2607069-01

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	07/15/26	B6G0823	8327	BM	
356-02-5	3:3FTCA	ND	4.0	ng/L	1	07/15/26	B6G0823	8327	BM	
757124-72-4	4:2FTS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
914637-49-3	5:3FTCA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
27619-97-2	6:2FTS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
812-70-4	7:3FTCA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
39108-34-4	8:2FTS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
756426-58-1	9Cl-PF3ONS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
919005-14-4	ADONA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
13252-13-6	HFPO-DA	ND	4.0	ng/L	1	07/15/26	B6G0823	8327	BM	
2991-50-6	NEtFOSAA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
2355-31-9	NMeFOSAA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	IDA01
375-22-4	PFBA	0.6	4.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
375-73-5	PFBS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
30334-69-1	PFBSA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
335-76-2	PFDA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
307-55-1	PFDODA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
335-77-3	PFDS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
646-83-3	PFECHS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
375-85-9	PFHpA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
375-92-8	PFHpS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
307-24-4	PFHxA	1.2	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
355-46-4	PFHxS	0.7	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
41997-13-1	PFHxSA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
375-95-1	PFNA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
68259-12-1	PFNS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
335-67-1	PFOA	2.0	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
1763-23-1	PFOS	1.9	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
754-91-6	PFOSA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
2706-90-3	PFPeA	1.5	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	J
2706-91-4	PFPeS	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
376-06-7	PFTeDA	ND	4.0	ng/L	1	07/15/26	B6G0823	8327	BM	
72629-94-8	PFTTrDA	ND	4.0	ng/L	1	07/15/26	B6G0823	8327	BM	
2058-94-8	PFUnDA	ND	2.0	ng/L	1	07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-4:2FTS			92.6 %	47-213		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-6:2FTS			86.3 %	10-169		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-8:2FTS			125 %	15-176		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-PFDoDA			96.3 %	51-139		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA			87.7 %	38-128		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C2-PFTeDA			67.3 %	10-123		07/15/26	B6G0823	8327	BM	
Isotope Dilution Analog: 13C3-HFPODA			107 %	67-127		07/15/26	B6G0823	8327	BM	



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Client ID: Raw South (IN002)

Lab ID: 2607069-01

CAS #	Analyte	Result	RL	Units	Dilution	Analyzed Date	QC Batch	Method	Analyst	Qualifier
Organics-PFAS Isotope Dilution										
	Isotope Dilution Analog: 13C3-PFBS	101 %		67-115		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C3-PFHxS	99.7 %		87-116		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C4-PFBA	100 %		72-121		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C4-PFHpA	101 %		87-117		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C5-PFHxA	102 %		85-116		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C5-PFPeA	102 %		83-116		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C6-PFDA	101 %		72-123		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C7-PFUnDA	99.1 %		73-121		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C8-PFOA	98.7 %		82-117		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C8-PFOS	101 %		84-114		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C8-PFOA	108 %		84-117		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: 13C9-PFNA	101 %		83-123		07/15/26	B6G0823	8327	BM	
	Isotope Dilution Analog: d3-N-MeFOSAA	145 %		76-130		07/15/26	B6G0823	8327	BM	IDA01
	Isotope Dilution Analog: d5-N-EtFOSAA	99.4 %		74-136		07/15/26	B6G0823	8327	BM	



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Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
Batch B6G0823 - Method: 3512			Prepared: 07/08/2026							
Blank (B6G0823-BLK1)										
11Cl-PF3OUdS	ND	ng/L							07/14/2026	
3:3FTCA	ND	ng/L							07/14/2026	
4:2FTS	ND	ng/L							07/14/2026	
5:3FTCA	ND	ng/L							07/14/2026	
6:2FTS	ND	ng/L							07/14/2026	
7:3FTCA	ND	ng/L							07/14/2026	
8:2FTS	ND	ng/L							07/14/2026	
9Cl-PF3ONS	ND	ng/L							07/14/2026	
ADONA	ND	ng/L							07/14/2026	
HFPO-DA	ND	ng/L							07/14/2026	
NEtFOSAA	ND	ng/L							07/14/2026	
NMeFOSAA	ND	ng/L							07/14/2026	IDA01
PFBA	ND	ng/L							07/14/2026	
PFBS	ND	ng/L							07/14/2026	
PFBSA	ND	ng/L							07/14/2026	
PFDA	ND	ng/L							07/14/2026	
PFDoDA	ND	ng/L							07/14/2026	
PFDS	ND	ng/L							07/14/2026	
PFECHS	ND	ng/L							07/14/2026	
PFHpA	ND	ng/L							07/14/2026	
PFHpS	ND	ng/L							07/14/2026	
PFHxA	ND	ng/L							07/14/2026	
PFHxS	ND	ng/L							07/14/2026	
PFHxSA	ND	ng/L							07/14/2026	
PFNA	ND	ng/L							07/14/2026	
PFNS	ND	ng/L							07/14/2026	
PFOA	ND	ng/L							07/14/2026	
PFOS	ND	ng/L							07/14/2026	
PFOSA	ND	ng/L							07/14/2026	
PFPeA	ND	ng/L							07/14/2026	
PFPeS	ND	ng/L							07/14/2026	
PFTeDA	ND	ng/L							07/14/2026	
PFTrDA	ND	ng/L							07/14/2026	
PFUnDA	ND	ng/L							07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	136	ng/L	150.1		90.5	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	139	ng/L	152.2		91.1	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	204	ng/L	153.6		133	15-176			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA	153	ng/L	160.0		95.5	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	155	ng/L	160.0		97.0	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	161	ng/L	160.0		101	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	311	ng/L	320.0		97.3	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	145	ng/L	149.1		97.0	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	145	ng/L	151.7		95.7	87-116			07/14/2026	
Isotope Dilution Analog: 13C4-PFBA	152	ng/L	160.0		95.2	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	154	ng/L	160.0		96.4	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	155	ng/L	160.0		97.0	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	155	ng/L	160.0		96.8	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	159	ng/L	160.0		99.3	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	155	ng/L	160.0		97.0	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	155	ng/L	160.0		96.8	82-117			07/14/2026	



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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 B6G0823 - Method: 3512

Prepared: 07/08/2026

Blank (B6G0823-BLK1)

Isotope Dilution Analog: 13C8-PFOS	150	ng/L	153.4		97.7	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	163	ng/L	160.0		102	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	154	ng/L	160.0		96.2	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	264	ng/L	160.0		165	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	152	ng/L	160.0		94.9	74-136			07/14/2026	

LCS (B6G0823-BS1)

11CI-PF3OUds	40.5	ng/L	37.80		107	76-132			07/14/2026	
3:3FTCA	45.1	ng/L	40.00		113	68-138			07/14/2026	
4:2FTS	40.3	ng/L	37.40		108	79-132			07/14/2026	
5:3FTCA	42.2	ng/L	40.00		105	75-130			07/14/2026	
6:2FTS	42.7	ng/L	38.00		112	80-130			07/14/2026	
7:3FTCA	46.3	ng/L	40.00		116	76-131			07/14/2026	
8:2FTS	41.6	ng/L	38.40		108	79-133			07/14/2026	
9CI-PF3ONS	39.9	ng/L	37.40		107	77-133			07/14/2026	
ADONA	40.3	ng/L	37.80		107	79-133			07/14/2026	
HFPO-DA	43.7	ng/L	40.00		109	73-138			07/14/2026	
NEtFOSAA	43.4	ng/L	40.00		109	78-131			07/14/2026	
NMeFOSAA	39.5	ng/L	40.00		98.6	79-130			07/14/2026	IDA01
PFBA	42.4	ng/L	40.00		106	77-131			07/14/2026	
PFBS	38.9	ng/L	35.40		110	82-130			07/14/2026	
PFBSA	43.0	ng/L	40.00		107	78-125			07/14/2026	
PFDA	43.6	ng/L	40.00		109	78-132			07/14/2026	
PFDoDA	42.5	ng/L	40.00		106	80-132			07/14/2026	
PFDS	41.7	ng/L	38.60		108	76-134			07/14/2026	
PFECHS	39.1	ng/L	36.96		106	75-136			07/14/2026	
PFHpA	42.0	ng/L	40.00		105	78-131			07/14/2026	
PFHpS	39.8	ng/L	38.20		104	76-132			07/14/2026	
PFHxA	43.5	ng/L	40.00		109	79-135			07/14/2026	
PFHxS	39.9	ng/L	36.50		109	78-132			07/14/2026	
PFHxSA	41.3	ng/L	40.00		103	79-125			07/14/2026	
PFNA	43.5	ng/L	40.00		109	80-128			07/14/2026	
PFNS	40.7	ng/L	38.40		106	79-133			07/14/2026	
PFOA	42.8	ng/L	40.00		107	78-132			07/14/2026	
PFOS	40.5	ng/L	37.04		109	80-133			07/14/2026	
PFOSA	42.6	ng/L	40.00		106	80-127			07/14/2026	
PFPeA	42.9	ng/L	40.00		107	76-135			07/14/2026	
PFPeS	40.8	ng/L	37.60		109	76-131			07/14/2026	
PFTeDA	44.5	ng/L	40.00		111	80-130			07/14/2026	
PFTTrDA	43.4	ng/L	40.00		108	74-127			07/14/2026	
PFUnDA	42.8	ng/L	40.00		107	80-133			07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	135	ng/L	150.1		89.7	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	135	ng/L	152.2		88.5	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	226	ng/L	153.6		147	15-176			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA	157	ng/L	160.0		98.0	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	160	ng/L	160.0		100	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	167	ng/L	160.0		105	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	316	ng/L	320.0		98.6	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	145	ng/L	149.1		97.1	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	148	ng/L	151.7		97.6	87-116			07/14/2026	



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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 B6G0823 - Method: 3512

Prepared: 07/08/2026

LCS (B6G0823-BS1)

Isotope Dilution Analog: 13C4-PFBA	154	ng/L	160.0		96.0	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	156	ng/L	160.0		97.6	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	156	ng/L	160.0		97.8	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	157	ng/L	160.0		97.9	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	161	ng/L	160.0		100	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	153	ng/L	160.0		95.4	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	155	ng/L	160.0		97.1	82-117			07/14/2026	
Isotope Dilution Analog: 13C8-PFOS	150	ng/L	153.4		97.8	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOSA	163	ng/L	160.0		102	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	156	ng/L	160.0		97.2	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	272	ng/L	160.0		170	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	158	ng/L	160.0		98.8	74-136			07/14/2026	

LCS Dup (B6G0823-BS1)

11Cl-PF3OUdS	41.5	ng/L	37.80		110	76-132	2.54	14	07/14/2026	
3:3FTCA	45.2	ng/L	40.00		113	68-138	0.399	18.6	07/14/2026	
4:2FTS	40.4	ng/L	37.40		108	79-132	0.149	13.8	07/14/2026	
5:3FTCA	46.2	ng/L	40.00		116	75-130	9.19	13.5	07/14/2026	
6:2FTS	42.0	ng/L	38.00		111	80-130	1.56	13.3	07/14/2026	
7:3FTCA	45.4	ng/L	40.00		113	76-131	2.05	13.7	07/14/2026	
8:2FTS	42.3	ng/L	38.40		110	79-133	1.57	16.7	07/14/2026	IDA01
9Cl-PF3ONS	40.3	ng/L	37.40		108	77-133	1.10	12.8	07/14/2026	
ADONA	40.2	ng/L	37.80		106	79-133	0.149	12.5	07/14/2026	
HFPO-DA	45.1	ng/L	40.00		113	73-138	3.06	19.8	07/14/2026	
NEtFOSAA	45.9	ng/L	40.00		115	78-131	5.47	14.1	07/14/2026	
NMeFOSAA	41.1	ng/L	40.00		103	79-130	4.17	13.5	07/14/2026	IDA01
PFBA	43.5	ng/L	40.00		109	77-131	2.56	11.8	07/14/2026	
PFBS	39.0	ng/L	35.40		110	82-130	0.257	13	07/14/2026	
PFBSA	44.1	ng/L	40.00		110	78-125	2.66	13.5	07/14/2026	
PFDA	44.7	ng/L	40.00		112	78-132	2.45	12.5	07/14/2026	
PFDODA	43.4	ng/L	40.00		108	80-132	2.10	12.5	07/14/2026	
PFDS	43.1	ng/L	38.60		112	76-134	3.30	15	07/14/2026	
PFECHS	38.6	ng/L	36.96		104	75-136	1.34	14	07/14/2026	
PFHpA	43.2	ng/L	40.00		108	78-131	2.96	12.5	07/14/2026	
PFHpS	43.8	ng/L	38.20		115	76-132	9.57	15.4	07/14/2026	
PFHxA	43.6	ng/L	40.00		109	79-135	0.230	12.6	07/14/2026	
PFHxS	40.6	ng/L	36.50		111	78-132	1.79	14.7	07/14/2026	
PFHxSA	42.4	ng/L	40.00		106	79-125	2.58	12.8	07/14/2026	
PFNA	45.5	ng/L	40.00		114	80-128	4.58	13.3	07/14/2026	
PFNS	41.4	ng/L	38.40		108	79-133	1.66	14	07/14/2026	
PFOA	44.6	ng/L	40.00		112	78-132	4.16	13	07/14/2026	
PFOS	39.8	ng/L	37.04		107	80-133	1.84	12.4	07/14/2026	
PFOSA	43.7	ng/L	40.00		109	80-127	2.55	12	07/14/2026	
PFPeA	44.3	ng/L	40.00		111	76-135	3.07	11.4	07/14/2026	
PFPeS	41.8	ng/L	37.60		111	76-131	2.28	14.5	07/14/2026	
PFTeDA	43.1	ng/L	40.00		108	80-130	3.24	13	07/14/2026	
PFTTrDA	43.9	ng/L	40.00		110	74-127	1.24	15.7	07/14/2026	
PFUnDA	43.0	ng/L	40.00		108	80-133	0.653	13.6	07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	139	ng/L	150.1		92.9	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	139	ng/L	152.2		91.4	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	286	ng/L	153.6		186	15-176			07/14/2026	IDA01



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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 B6G0823 - Method: 3512

Prepared: 07/08/2026

LCS Dup (B6G0823-BSD1)

Isotope Dilution Analog: 13C2-PFDoDA	165	ng/L	160.0		103	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	169	ng/L	160.0		106	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	180	ng/L	160.0		112	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	314	ng/L	320.0		98.1	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	146	ng/L	149.1		97.9	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	146	ng/L	151.7		96.5	87-116			07/14/2026	
Isotope Dilution Analog: 13C4-PFBA	154	ng/L	160.0		96.0	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	154	ng/L	160.0		96.3	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	157	ng/L	160.0		98.4	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	158	ng/L	160.0		98.7	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	158	ng/L	160.0		98.5	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	165	ng/L	160.0		103	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	154	ng/L	160.0		96.1	82-117			07/14/2026	
Isotope Dilution Analog: 13C8-PFOS	153	ng/L	153.4		99.7	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	164	ng/L	160.0		102	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	164	ng/L	160.0		102	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	281	ng/L	160.0		175	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	161	ng/L	160.0		101	74-136			07/14/2026	

MRL Check (B6G0823-MRL1)

11Cl-PF3OUdS	4.06	ng/L	3.780		107	76-131			07/14/2026	
3:3FTCA	5.22	ng/L	4.000		130	62-156			07/14/2026	
4:2FTS	4.04	ng/L	3.740		108	73-139			07/14/2026	
5:3FTCA	4.56	ng/L	4.000		114	72-139			07/14/2026	
6:2FTS	4.36	ng/L	3.800		115	65-144			07/14/2026	
7:3FTCA	4.60	ng/L	4.000		115	72-139			07/14/2026	
8:2FTS	4.38	ng/L	3.840		114	68-140			07/14/2026	
9Cl-PF3ONS	3.82	ng/L	3.740		102	78-128			07/14/2026	
ADONA	4.00	ng/L	3.780		106	78-129			07/14/2026	
HFPO-DA	4.30	ng/L	4.000		108	53-155			07/14/2026	
NEtFOSAA	4.80	ng/L	4.000		120	68-143			07/14/2026	
NMeFOSAA	4.04	ng/L	4.000		101	70-133			07/14/2026	IDA01
PFBA	3.84	ng/L	4.000		96.0	64-139			07/14/2026	J
PFBS	3.88	ng/L	3.540		110	70-134			07/14/2026	
PFBSA	4.22	ng/L	4.000		106	78-131			07/14/2026	
PFDA	4.00	ng/L	4.000		100	75-132			07/14/2026	
PFDoDA	4.00	ng/L	4.000		100	79-127			07/14/2026	
PFDS	4.34	ng/L	3.860		112	71-140			07/14/2026	
PFECHS	3.86	ng/L	3.696		104	74-139			07/14/2026	
PFHpA	4.28	ng/L	4.000		107	73-132			07/14/2026	
PFHpS	3.64	ng/L	3.820		95.3	66-144			07/14/2026	
PFHxA	4.12	ng/L	4.000		103	76-133			07/14/2026	
PFHxS	3.74	ng/L	3.650		102	77-137			07/14/2026	
PFHxSA	3.98	ng/L	4.000		99.5	78-130			07/14/2026	
PFNA	4.52	ng/L	4.000		113	67-140			07/14/2026	
PFNS	3.88	ng/L	3.840		101	74-137			07/14/2026	
PFOA	4.26	ng/L	4.000		106	64-141			07/14/2026	
PFOS	4.30	ng/L	3.704		116	76-144			07/14/2026	
PFOSA	4.32	ng/L	4.000		108	78-132			07/14/2026	
PFPeA	4.22	ng/L	4.000		106	74-136			07/14/2026	
PFPeS	4.12	ng/L	3.760		110	74-135			07/14/2026	



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Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
Batch B6G0823 - Method: 3512			Prepared: 07/08/2026							
MRL Check (B6G0823-MRL1)										
PFTeDA	4.54	ng/L	4.000		114	76-130			07/14/2026	
PFTrDA	4.38	ng/L	4.000		110	71-124			07/14/2026	
PFUnDA	4.36	ng/L	4.000		109	73-133			07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	136	ng/L	150.1		90.9	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	140	ng/L	152.2		91.7	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	248	ng/L	153.6		161	15-176			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA	163	ng/L	160.0		102	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	166	ng/L	160.0		104	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	175	ng/L	160.0		109	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	315	ng/L	320.0		98.3	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	144	ng/L	149.1		96.6	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	148	ng/L	151.7		97.7	87-116			07/14/2026	
Isotope Dilution Analog: 13C4-PFBA	153	ng/L	160.0		95.5	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	155	ng/L	160.0		97.1	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	154	ng/L	160.0		96.1	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	156	ng/L	160.0		97.2	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	165	ng/L	160.0		103	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	157	ng/L	160.0		97.9	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	153	ng/L	160.0		95.5	82-117			07/14/2026	
Isotope Dilution Analog: 13C8-PFOS	148	ng/L	153.4		96.3	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	161	ng/L	160.0		101	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	159	ng/L	160.0		99.4	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	274	ng/L	160.0		171	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	158	ng/L	160.0		99.0	74-136			07/14/2026	
Matrix Spike (B6G0823-MS1)			Source: 2607007-01							
11Cl-PF3OUdS	39.8	ng/L	37.80	ND	105	71-129			07/14/2026	
3:3FTCA	49.0	ng/L	40.00	ND	123	70-138			07/14/2026	
4:2FTS	42.3	ng/L	37.40	ND	113	78-135			07/14/2026	
5:3FTCA	47.3	ng/L	40.00	ND	118	75-131			07/14/2026	
6:2FTS	45.2	ng/L	38.00	ND	119	75-137			07/14/2026	
7:3FTCA	46.2	ng/L	40.00	ND	116	73-134			07/14/2026	
8:2FTS	43.0	ng/L	38.40	ND	112	76-135			07/14/2026	IDA01
9Cl-PF3ONS	41.3	ng/L	37.40	ND	110	76-136			07/14/2026	
ADONA	41.8	ng/L	37.80	ND	111	79-139			07/14/2026	
HFPO-DA	46.9	ng/L	40.00	ND	117	71-141			07/14/2026	
NEtFOSAA	47.1	ng/L	40.00	ND	118	77-135			07/14/2026	
NMeFOSAA	40.8	ng/L	40.00	ND	102	77-133			07/14/2026	IDA01
PFBA	45.8	ng/L	40.00	1.52	111	70-141			07/14/2026	
PFBS	40.1	ng/L	35.40	0.600	111	79-137			07/14/2026	
PFBSA	45.5	ng/L	40.00	ND	114	75-133			07/14/2026	
PFDA	45.1	ng/L	40.00	ND	113	77-135			07/14/2026	
PFDoDA	44.2	ng/L	40.00	ND	110	79-134			07/14/2026	
PFDS	41.2	ng/L	38.60	ND	107	68-132			07/14/2026	
PFECHS	41.2	ng/L	36.96	ND	112	62-153			07/14/2026	
PFHpA	45.0	ng/L	40.00	ND	112	77-134			07/14/2026	
PFHpS	41.9	ng/L	38.20	ND	110	75-134			07/14/2026	
PFHxA	45.3	ng/L	40.00	1.16	110	74-142			07/14/2026	
PFHxS	42.2	ng/L	36.50	1.04	113	72-141			07/14/2026	
PFHxSA	43.2	ng/L	40.00	ND	108	76-133			07/14/2026	



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Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
Batch B6G0823 - Method: 3512					Prepared: 07/08/2026					
Matrix Spike (B6G0823-MS1)					Source: 2607007-01					
PFNA	46.4	ng/L	40.00	ND	116	77-134			07/14/2026	
PFNS	41.2	ng/L	38.40	ND	107	76-134			07/14/2026	
PFOA	44.8	ng/L	40.00	1.82	107	71-141			07/14/2026	
PFOS	44.4	ng/L	37.04	3.98	109	71-144			07/14/2026	
PFOSA	43.8	ng/L	40.00	ND	110	78-131			07/14/2026	
PFPeA	46.3	ng/L	40.00	1.94	111	72-142			07/14/2026	
PFPeS	42.1	ng/L	37.60	ND	112	70-139			07/14/2026	
PFTeDA	46.4	ng/L	40.00	ND	116	78-133			07/14/2026	
PFTrDA	42.7	ng/L	40.00	ND	107	66-136			07/14/2026	
PFUnDA	44.0	ng/L	40.00	ND	110	79-135			07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	135	ng/L	150.1		89.8	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	134	ng/L	152.2		88.2	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	274	ng/L	153.6		179	15-176			07/14/2026	IDA01
Isotope Dilution Analog: 13C2-PFDoDA	147	ng/L	160.0		92.0	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	138	ng/L	160.0		86.4	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	117	ng/L	160.0		73.2	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	316	ng/L	320.0		98.8	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	147	ng/L	149.1		98.6	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	150	ng/L	151.7		98.8	87-116			07/14/2026	
Isotope Dilution Analog: 13C4-PFBA	156	ng/L	160.0		97.5	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	157	ng/L	160.0		98.3	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	160	ng/L	160.0		99.7	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	158	ng/L	160.0		99.0	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	163	ng/L	160.0		102	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	153	ng/L	160.0		95.8	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	160	ng/L	160.0		99.9	82-117			07/14/2026	
Isotope Dilution Analog: 13C8-PFOS	153	ng/L	153.4		99.5	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOSA	165	ng/L	160.0		103	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	163	ng/L	160.0		102	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	274	ng/L	160.0		171	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	153	ng/L	160.0		95.8	74-136			07/14/2026	
Matrix Spike Dup (B6G0823-MSD1)					Source: 2607007-01					
11Cl-PF3OUdS	36.5	ng/L	37.80	ND	96.7	71-129	8.54	25.7	07/14/2026	
3:3FTCA	49.0	ng/L	40.00	ND	122	70-138	0.0816	26.7	07/14/2026	
4:2FTS	39.7	ng/L	37.40	ND	106	78-135	6.44	25.1	07/14/2026	
5:3FTCA	44.7	ng/L	40.00	ND	112	75-131	5.65	26	07/14/2026	
6:2FTS	43.6	ng/L	38.00	ND	115	75-137	3.61	24	07/14/2026	
7:3FTCA	47.5	ng/L	40.00	ND	119	73-134	2.77	25.7	07/14/2026	
8:2FTS	41.7	ng/L	38.40	ND	109	76-135	2.93	26.3	07/14/2026	
9Cl-PF3ONS	40.2	ng/L	37.40	ND	107	76-136	2.70	23.9	07/14/2026	
ADONA	40.6	ng/L	37.80	ND	107	79-139	2.82	23	07/14/2026	
HFPO-DA	43.2	ng/L	40.00	ND	108	71-141	8.17	28.8	07/14/2026	
NEtFOSAA	44.7	ng/L	40.00	ND	112	77-135	5.36	24.6	07/14/2026	
NMeFOSAA	38.8	ng/L	40.00	ND	97.0	77-133	5.17	24.9	07/14/2026	IDA01
PFBA	44.7	ng/L	40.00	1.52	108	70-141	2.25	21.9	07/14/2026	
PFBS	38.9	ng/L	35.40	0.600	108	79-137	2.94	25	07/14/2026	
PFBSA	43.1	ng/L	40.00	ND	108	75-133	5.42	23.4	07/14/2026	
PFDA	44.6	ng/L	40.00	ND	111	77-135	1.16	26.3	07/14/2026	
PFDoDA	40.6	ng/L	40.00	ND	102	79-134	8.44	23.9	07/14/2026	



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Organics-PFAS Isotope Dilution - Quality Control

Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Analyzed	Qualifier
Batch B6G0823 - Method: 3512					Prepared: 07/08/2026					
Matrix Spike Dup (B6G0823-MSD1)		Source: 2607007-01								
PFDS	38.8	ng/L	38.60	ND	101	68-132	5.85	28.4	07/14/2026	
PFECHS	40.5	ng/L	36.96	ND	109	62-153	1.91	23.1	07/14/2026	
PFHpA	44.8	ng/L	40.00	ND	112	77-134	0.401	24	07/14/2026	
PFHpS	41.8	ng/L	38.20	ND	109	75-134	0.239	25.7	07/14/2026	
PFHxA	41.5	ng/L	40.00	1.16	101	74-142	8.94	23	07/14/2026	
PFHxS	39.7	ng/L	36.50	1.04	106	72-141	5.91	23.6	07/14/2026	
PFHxSA	41.0	ng/L	40.00	ND	103	76-133	5.18	24.1	07/14/2026	
PFNA	43.7	ng/L	40.00	ND	109	77-134	6.03	24	07/14/2026	
PFNS	40.2	ng/L	38.40	ND	105	76-134	2.51	24.1	07/14/2026	
PFOA	44.9	ng/L	40.00	1.82	108	71-141	0.312	22.5	07/14/2026	
PFOS	43.5	ng/L	37.04	3.98	107	71-144	2.09	23.4	07/14/2026	
PFOSA	42.2	ng/L	40.00	ND	106	78-131	3.67	23.4	07/14/2026	
PFPeA	43.9	ng/L	40.00	1.94	105	72-142	5.28	22.9	07/14/2026	
PFPeS	40.3	ng/L	37.60	ND	107	70-139	4.17	24.4	07/14/2026	
PFTeDA	42.8	ng/L	40.00	ND	107	78-133	7.99	23.6	07/14/2026	
PFTrDA	40.8	ng/L	40.00	ND	102	66-136	4.60	29	07/14/2026	
PFUnDA	43.4	ng/L	40.00	ND	108	79-135	1.51	25.1	07/14/2026	
Isotope Dilution Analog: 13C2-4:2FTS	136	ng/L	150.1		90.5	47-213			07/14/2026	
Isotope Dilution Analog: 13C2-6:2FTS	169	ng/L	152.2		111	10-169			07/14/2026	
Isotope Dilution Analog: 13C2-8:2FTS	183	ng/L	153.6		119	15-176			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA	137	ng/L	160.0		85.8	51-139			07/14/2026	
Isotope Dilution Analog: 13C2-PFDoDA+13C2-PFTeDA	123	ng/L	160.0		76.9	38-128			07/14/2026	
Isotope Dilution Analog: 13C2-PFTeDA	89.2	ng/L	160.0		55.8	10-123			07/14/2026	
Isotope Dilution Analog: 13C3-HFPODA	330	ng/L	320.0		103	67-127			07/14/2026	
Isotope Dilution Analog: 13C3-PFBS	146	ng/L	149.1		97.8	67-115			07/14/2026	
Isotope Dilution Analog: 13C3-PFHxS	149	ng/L	151.7		98.1	87-116			07/14/2026	
Isotope Dilution Analog: 13C4-PFBA	155	ng/L	160.0		97.0	72-121			07/14/2026	
Isotope Dilution Analog: 13C4-PFHpA	156	ng/L	160.0		97.5	87-117			07/14/2026	
Isotope Dilution Analog: 13C5-PFHxA	160	ng/L	160.0		100	85-116			07/14/2026	
Isotope Dilution Analog: 13C5-PFPeA	158	ng/L	160.0		99.0	83-116			07/14/2026	
Isotope Dilution Analog: 13C6-PFDA	157	ng/L	160.0		98.4	72-123			07/14/2026	
Isotope Dilution Analog: 13C7-PFUnDA	148	ng/L	160.0		92.8	73-121			07/14/2026	
Isotope Dilution Analog: 13C8-PFOA	157	ng/L	160.0		97.9	82-117			07/14/2026	
Isotope Dilution Analog: 13C8-PFOS	149	ng/L	153.4		96.9	84-114			07/14/2026	
Isotope Dilution Analog: 13C8-PFOSA	166	ng/L	160.0		104	84-117			07/14/2026	
Isotope Dilution Analog: 13C9-PFNA	153	ng/L	160.0		95.4	83-123			07/14/2026	
Isotope Dilution Analog: d3-N-MeFOSAA	254	ng/L	160.0		159	76-130			07/14/2026	IDA01
Isotope Dilution Analog: d5-N-EtFOSAA	151	ng/L	160.0		94.1	74-136			07/14/2026	