



Additional Information about PFAS Results and Laboratories Used for the GenX Exposure Study

Blood samples collected in 2020-2021 were analyzed at NC State University in Raleigh, NC. Blood samples collected in 2023 were analyzed at Eurofins Environment Testing in Sacramento, California. Both laboratories used a similar method to analyze participants' blood samples for PFAS.

The full list of PFAS we tested for in 2020-2021 and 2023 is provided below (Table 1). The laboratory's Method Reporting Limits (MRL)—the lowest concentration of PFAS the laboratory could test for in blood samples—is also given for each year.

Table 1: List of PFAS analytes and typical MRLs in blood samples collected from GenX Exposure Study Participants, 2020-2023.

Chemical Abbreviation	Chemical Name	CAS Registry Number	2020-2021 MRL	2023 MRL
PFOS	Perfluorooctanesulfonic acid	1763-23-1	0.50	0.05
PFOA	Perfluorooctanoic acid	335-67-1	0.10	0.14
PFHxS	Perfluorohexanesulfonic acid	355-46-4	0.05	0.05
PFNA	Perfluorononanoic acid	375-95-1	0.05	0.05
PFDA	Perfluorodecanoic acid	335-76-2	0.05	0.05
PFUnA	Perfluoroundecanoic acid	2058-94-8	0.05	0.05
NMeFOSAA	N-methyl perfluorooctanesulfonamidoacetic acid	2355-31-9	0.05	0.05
PFHpS	Perfluoroheptanesulfonic acid	375-92-8	0.05	0.10
PFPeS	Perfluoropentanesulfonic acid	2706-91-4	0.05	0.05
Nafion byproduct 2	Hydro-PS Acid	749836-20-2	0.05	0.05
PFO5DA	Perfluoro-3,5,7,9,11-pentaoxadodecanoic acid	39492-91-6	0.50	0.10
PFHpA	Perfluoroheptanoic acid	375-85-9	0.05	0.05
PFDoA	Perfluorododecanoic acid	307-55-1	0.05	0.05
PFDS	Perfluorodecanesulfonic acid	335-77-3	0.10	0.05
PFTTrDA	Perfluorotridecanoic acid	72629-94-8	0.05	0.05
7:3 FTCA	7:3 Fluorotelomer carboxylic acid	812-70-4	0.50	0.05
PFBS	Perfluorobutanesulfonic acid	375-73-5	0.05	0.05
4:2 FTS	4:2 Fluorotelomer sulfonic acid	757124-72-4	0.05	0.05
NEtFOSAA	N-ethyl perfluorooctanesulfonamidoacetic acid	2991-50-6	0.05	0.05
F53B Major	9CI-PF3ONS	756426-58-1	0.05	0.05
PFHxA	Perfluorohexanoic acid	307-24-4	0.05	0.10
PFO4DA	Perfluoro-3,5,7,9-butaoxadecanoic acid	39492-90-5	0.50	2.0
PFTeDA	Perfluorotetradecanoic acid	376-06-7	0.05	0.05



Chemical Abbreviation	Chemical Name	CAS Registry Number	2020-2021 MRL	2023 MRL
8:2 FTS	8:2 Fluorotelomer sulfonic acid	39108-34-4	0.10	0.05
PFBA	Perfluorobutanoic acid	375-22-4	1.0	0.1
PFPeA	Perfluoropentanoic acid	2706-90-3	0.05	0.05
PFHxDA	Perfluoro-n-hexadecanoic acid	67905-19-5	0.05	0.05
PFODA	Perfluoro-n-octadecanoic acid	16517-11-6	0.05	3.8
PFNS	Perfluorononanesulfonic acid	68259-12-1	0.05	0.05
PFOSA	Perfluorooctanesulfonamide	754-91-6	0.05	0.05
NMeFOSA	N-methylperfluorooctane sulfonamide	31506-32-8	<i>n/a</i>	0.07
6:2 FTS	6:2 Fluorotelomer sulfonic acid	27619-97-2	0.05	3.8
10:2 FTS	10:2 Fluorotelomer sulfonic acid	120226-60-0	0.05	0.05
ADONA	4,8-Dioxa-3H-perfluorononanoic acid	919005-14-4	0.05	1.0
GenX	HFPO-DA	13252-13-6	0.50	0.05
F53B Minor	11CI-PF3OUdS	763051-92-9	0.05	0.05
FHxSA	Perfluorohexane sulfonamide	41997-13-1	0.05	0.05
FBSA	Perfluorobutane sulfonamide	30334-69-1	0.05	0.05
PFO3OA	Perfluoro-3,5,7-trioxaoctanoic acid	39492-89-2	0.50	2.0
PEPA	Perfluoro-2-ethoxypropanoic acid	267239-61-2	0.50	2.0
Nafion byproduct 1	PS Acid	29311-67-9	0.05	2.0

Table Notes:

- MRL = Method Reporting Limit, the lowest concentration of PFAS the laboratory could test for in blood samples.
- CAS Registry Number = a unique, identifying code for a specific chemical; codes are assigned by the Chemical Abstracts Service and used to help identify chemicals that may have multiple names or synonyms.
- NMeFOSA was not analyzed in samples collected 2020-2021.
- Individual samples' MRLs can sometimes differ from the typical limits given above. This is due to acceptable variances in analytical methods. Please refer to your personal results letter for your specific laboratory reporting limits.