

ANALYTICAL REPORT

PREPARED FOR

Attn: (060) Water Quality Manager
Polar Corporation
1001 Southbridge Street
Worcester, Massachusetts 01610

Generated 10/31/2025 3:41:03 PM

JOB DESCRIPTION

060-13501 [PFAS]
Polar Corp - Worcester - Purified Finished Product

JOB NUMBER

380-178778-1

Eurofins Eaton Analytical Pomona

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

Compliance Statement

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Authorization



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Authorized for release by
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E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

9996427: POLAR CORPORATION

SDWA4

PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
9996427	1011	BROMATE	172	0.0046			103025	101		102325	E	1008	68565	380-179083-1	NT2KMDOL68565_218
9996427	1011	BROMATE	172	0.0			103025	102		102325	E	1011	68565	380-179074-1	NT2KMDOL68565_217
9996427	2801	PERFLUOROBUTANESULFONIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_233
9996427	2802	PERFLUOROHEPTANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_236
9996427	2803	PERFLUOROHEXANESULFONIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_237
9996427	2804	PERFLUORONONANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_239
9996427	2805	PERFLUOROOCTANESULFONIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_240
9996427	2806	PERFLUOROOCTANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_241
9996427	2807	PERFLUORODECANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_234
9996427	2808	PERFLUORODODECANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_235
9996427	2809	PERFLUOROHEXANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_238
9996427	2810	PERFLUOROTETRADECANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_242
9996427	2811	PERFLUOROTRIDECANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_243
9996427	2812	PERFLUOROUNDECANOIC ACID	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_244
9996427	2813	11CL-PF3OUDS	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_227
9996427	2814	9CL-PF3ONS	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_229
9996427	2815	4,8-DIOXA-3H-PERFLUORONONANOIC	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_228
9996427	2816	HEXAFLUOROPROPYLENE OXIDE DA	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_230
9996427	2817	NETFOSAA	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_231



E-Government Application for Drinking Water Program

SAFE DRINKING WATER ACT
VIEW/EDIT RECORDS

9996427: POLAR CORPORATION															
SDWA4															
PWSID	Contam ID	Contam	Analysis Method	Result	Lower Limit of Detection	Counting Error	Analysis Date	Loc/EP ID	Loc/EP ID 2	Sample Date	Sample Type	Sample Time	Lab ID	Sample ID	Record ID
9996427	2818	NMEFOSAA	243	0.0	2.00000		103025	102		102825	E	0403	68565	380-178778-1	NT2KMDOL68565_232

Case Narrative

Client: Polar Corporation
Project: 060-13501 [PFAS]

Job ID: 380-178778-1

Job ID: 380-178778-1

Eurofins Eaton Analytical Pomona

Job Narrative 380-178778-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 10/21/2025 2:42 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 23.1°C.

PFAS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Sample Summary

Client: Polar Corporation
Project/Site: 060-13501 [PFAS]

Job ID: 380-178778-1
SDG: Polar Corp - Worcester - Purified Finished Product

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	PWSID Number
380-178778-1	060-13501 Purified Finished Product	Bottled Water	10/09/25 09:30	10/21/25 14:42	9996427

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

Client Sample Results

Client: Polar Corporation
Project/Site: 060-13501 [PFAS]

Job ID: 380-178778-1
SDG: Polar Corp - Worcester - Purified Finished Product

Client Sample ID: 060-13501 Purified Finished Product

Lab Sample ID: 380-178778-1

Date Collected: 10/09/25 09:30

Matrix: Bottled Water

Date Received: 10/21/25 14:42

PWSID Number: 9996427

Method: EPA 537.1 V2 - EPA 537.1 Ver. 2.0 March 2020

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorooctanesulfonic acid (PFOS)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluoroundecanoic acid (PFUnA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorohexanoic acid (PFHxA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorododecanoic acid (PFDoA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorooctanoic acid (PFOA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorodecanoic acid (PFDA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorohexanesulfonic acid (PFHxS)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorobutanesulfonic acid (PFBS)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluoroheptanoic acid (PFHpA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorononanoic acid (PFNA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorotetradecanoic acid (PFTA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
Perfluorotridecanoic acid (PFTrDA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF3ONS)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND		2.0		ng/L		10/30/25 17:55	1	Y5FM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
d5-NEtFOSAA	106		70 - 130	10/30/25 17:55	1	Y5FM
13C2 PFHxA	107		70 - 130	10/30/25 17:55	1	Y5FM
13C2 PFDA	109		70 - 130	10/30/25 17:55	1	Y5FM
13C3-GenX	98		70 - 130	10/30/25 17:55	1	Y5FM

Action Limit Summary

Client: Polar Corporation
Project/Site: 060-13501 [PFAS]

Job ID: 380-178778-1
SDG: Polar Corp - Worcester - Purified Finished Product

Client Sample ID: 060-13501 Purified Finished Product
PWSID Number: 9996427

Lab Sample ID: 380-178778-1

Compliance Check

The results obtained from the analytical testing of this data set were checked against compliance limits received from the client. Any results at or above the compliance limits have been highlighted for your convenience.

Analyte	Result	Qualifier	Unit	EPAMCL	RL	Method	Prep Type
				Limit			
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA/GenX)	ND		ng/L	10	2.0	EPA 537.1 V2	Total/NA
Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	4	2.0	EPA 537.1 V2	Total/NA
Perfluorooctanoic acid (PFOA)	ND		ng/L	4	2.0	EPA 537.1 V2	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	10	2.0	EPA 537.1 V2	Total/NA
Perfluorononanoic acid (PFNA)	ND		ng/L	10	2.0	EPA 537.1 V2	Total/NA

Accreditation/Certification and Definitions Summary

Client: Polar Corporation
Project/Site: 060-13501 [PFAS]

Job ID: 380-178778-1
SDG: Polar Corp - Worcester - Purified Finished Product

Laboratory: Eurofins Eaton Analytical Pomona

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	ISO/IEC 17025	5890.01 & 5890.02	06-30-27
Alabama	State	41060	06-18-26
Arizona	State	AZ0833	02-27-26
Arkansas (DW)	State	CA00006	01-31-26
California	State	2813	06-18-27
Colorado	State	CA00006	01-31-26
Connecticut	State	PH-0107	03-31-26
Delaware (DW)	State	CA00006	01-31-26
Florida	NELAP	E871024	06-30-26
Georgia (DW)	State	947	01-31-26
Guam	State	25-02R	03-31-26
Hawaii	State	CA00006	01-31-26
Hawaii (Micro)	State	CA00006	01-31-26
Idaho (DW)	State	CA00006	01-31-26
Idaho (Micro)	State	CA00006	03-31-26
Illinois	NELAP	200033	03-31-26
Indiana	State	C-CA-01	06-18-27
Kansas	NELAP	E-10268	04-30-26
Kentucky (DW)	State	KY90107	12-31-25
Louisiana (DW)	State	LA008	12-31-25
Maine	State	CA00006A	03-08-26
Maryland	State	224	03-31-26
Massachusetts	State	M-CA006	06-30-26
MI - RadChem Recognition	State	9906	03-17-26
Michigan	State	9906	03-17-26
Mississippi	State	CA2813	06-18-25 *
Montana (DW)	State	CERT0035	01-01-26
Nebraska	State	NE-OS-21-13	01-31-26
Nevada	State	CA00006	07-31-26
New Hampshire	NELAP	2959	03-29-26
New Jersey	NELAP	CA008	06-30-26
New Mexico	State	CA00006	01-31-26
New York	NELAP	11320	04-01-26
North Carolina (DW)	State	06701	07-31-26
North Dakota	State	R-009	01-31-26
Northern Mariana Islands (DW)	State	CA00006	01-31-26
Ohio	State	87786	01-31-26
Oregon	NELAP	4034	01-29-26
Pennsylvania	NELAP	68-00565	10-31-26
Puerto Rico	State	CA00006	03-31-26
Rhode Island	State	LAO00381	12-30-25
South Dakota (DW)	State	CA11320	06-18-27
Tennessee	State	TN02839	06-18-26
Texas	NELAP	T104704230	09-30-26
USEPA UCMR 5	US Federal Programs	CA00006	12-31-25
Utah	NELAP	CA00006	01-31-26
Vermont	State	VT-0114	12-28-25
Virginia	NELAP	460260	06-14-26
Washington	State	C838	03-13-26
Wyoming	State	8-TMS-L	06-18-27

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Eaton Analytical Pomona

Accreditation/Certification and Definitions Summary

Client: Polar Corporation
Project/Site: 060-13501 [PFAS]

Job ID: 380-178778-1
SDG: Polar Corp - Worcester - Purified Finished Product

Glossary


Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Eaton Analytical Pomona

CHAIN OF CUSTODY RECORD

060-13501-13

INVOICE TO/SEND ORIGINAL REPORT TO: Compliance Designs 159 South Stark Highway Weare, New Hampshire 03281 Tel (603) 273-0954 Fax (603) 695-7318		CLIENT NAME TO APPEAR ON REPORT: Polar Corporation 1001 Southbridge Street Worcester MA 01610		LAB USED: Eurofins -Pomona	ORDER # 38008392
				TURNAROUND TIME: STND/BUT ASAP	PWS #: 9996427
PROJECT NAME: 2025 Annual		PROJECT #: 060		ANALYSIS REQUIRED 50-BAT1-FP, Plus PFAS (537.1)*	
SAMPLE NUMBER	DATE & TIME OF SAMPLE COLLECTION	SAMPLE DESCRIPTION AND PRODUCTION CODE		NUMBER OF CONTAINERS	
060-13501	10/15/2025 SEALED	Purified Finished Product			
		Produced From: Worcester Municipal			
		Size: 20 Liter If multiple shipments indicate shipment <u>1</u> of <u>2</u>			
LAB, PLEASE INDICATE DATE AND TIME BOTTLES OPENED (SAMPLE DATE & TIME)		Prod Code: Line: 8 EXP: OCTOBER 09 2027 09:30 PWS ID#: 102 Location: Purified FP		 380-178778 COC	Bottle Water Product Container Sampling date dependent on opening of container
SAMPLER'S SIGNATURE: <i>Kara J Bursell</i>		PLEASE PRINT BELOW: Kara Bursell		COMPLIANCE CRITERIA PLEASE REPORT TO PA DEP	
RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	NOTES TO LABORATORY	
<i>Kara J Bursell</i>	10/15/25 2 PM	<i>[Signature]</i>	10/21/25 1442	*PLEASE PUT PFAS ON A SEPARATE REPORT	

Culler / 10/28/25
 (603) 231-1000 231 no ice
 Fed X. 865198087755
 4/03