





Cheese, Swiss	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cheese, Monterey jack	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cheese, mozzarella	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Milk, reduced fat, fluid	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Milk, whole, fluid	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cream, half and half	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Milk, skim, fluid	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Milk, chocolate, reduced fat, fluid	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
English muffin, plain, toasted	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Bread, white, enriched, pre-sliced	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Muffin, blueberry	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Bagel, plain, toasted	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Tortilla, corn	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Pizza fast food cheese	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Bread, white roll/bun (hamburger/hotdog)	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Tortilla, flour	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cake, chocolate with chocolate icing	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cake, white with white icing	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Cinnamon roll, iced	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Rice, brown, cooked	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Biscuits, fast-food	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Rice, white, enriched, cooked	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Bread, whole wheat, pre-sliced	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Potatoes, French fries, fast-food	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Potato, peeled, boiled	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Potato, with peel, baked	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
Sweet potato, baked, peel removed	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	
<b>MDL (ng/kg)</b>	<b>24</b>	<b>28</b>	<b>67*</b>	<b>36</b>	<b>31*</b>	<b>48</b>	<b>35</b>	<b>43</b>	<b>21</b>	<b>28</b>	<b>25</b>	<b>34</b>	<b>22</b>	<b>29</b>	<b>17</b>	<b>20</b>	<b>30</b>	<b>16</b>	<b>68</b>	<b>30</b>
<b>Water</b>																				
Water, bottled, mineral/spring	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL	<MDL
<b>EPA LCMRL** of water (ng/kg)</b>	<b>3.4</b>	<b>4.4</b>	<b>13</b>	<b>5.1</b>	<b>3.9</b>	<b>5.3</b>	<b>3.7</b>	<b>2.6</b>	<b>3.5</b>	<b>6.3</b>	<b>3.4</b>	<b>3.7</b>	<b>2.3</b>	<b>4.8</b>	<b>1.6</b>	<b>1.4</b>	<b>2.7</b>	<b>2.2</b>	<b>Not determined</b>	<b>Not determined</b>

\* All PFBA and PFPeA detects must be confirmed using HR-MS

\*\*LCMRL: Lowest Concentration Minimum Reporting Levels (LCMRL). Bottled water samples were analyzed using Method 533: Determination of Per- and Poly-fluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS). This method specifies Lowest Concentration Minimum Reporting Levels (LCMRL) except in the case of PFTrDA and PFTeDA where this data is not available.

## Legend

Acronym	Name	CAS	Formula	Nominal Mass
PFOA	Perfluorooctanoic acid	335-67-1	C <sub>8</sub> HF <sub>15</sub> O <sub>2</sub>	414
PFOS	Perfluorooctanesulfonic acid	1763-23-1	C <sub>8</sub> HF <sub>17</sub> O <sub>3</sub> S	500
PFBA	Perfluorobutanoate	375-22-4	C <sub>4</sub> F <sub>7</sub> O <sub>2</sub>	214
PFHpS	Perfluoroheptanesulfonic acid	375-92-8	C <sub>7</sub> HF <sub>15</sub> O <sub>3</sub> S	450
PFPeA	Perfluoropentanoic acid	2706-90-3	C <sub>5</sub> HF <sub>9</sub> O <sub>2</sub>	264
PFHxA	Perfluorohexanoic acid	307-24-4	C <sub>6</sub> HF <sub>11</sub> O <sub>2</sub>	314
PFHxS	Perfluorohexanesulfonic acid	355-46-4	C <sub>6</sub> HF <sub>13</sub> O <sub>3</sub> S	400
PFHpA	Perfluoroheptanoic acid	375-85-9	C <sub>7</sub> HF <sub>13</sub> O <sub>2</sub>	364
PFBS	Perfluorobutanesulfonic acid	375-73-5	C <sub>4</sub> HF <sub>9</sub> O <sub>3</sub> S	300
PFPeS	1,1,2,2,3,3,4,4,5,5,5-Undecafluoro-1-pentanesulfonic acid	2706-91-4	C <sub>5</sub> HF <sub>11</sub> O <sub>3</sub> S	350
NaDONA	Sodium dodecafluoro-3H-4, 8-dioxanonanoate	958445-44-8	C <sub>7</sub> H <sub>5</sub> F <sub>12</sub> NO <sub>4</sub>	395
HFPO-DA	Hexafluoropropylene oxide dimer acid	13252-13-6	C <sub>6</sub> HF <sub>11</sub> O <sub>3</sub>	330
PFDA	Perfluorodecanoic acid	335-76-2	C <sub>10</sub> HF <sub>19</sub> O <sub>2</sub>	514
PFNA	Perfluorononanoic acid	375-95-1	C <sub>9</sub> HF <sub>17</sub> O <sub>2</sub>	464
11Cl-PF3OUdS	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9	C <sub>10</sub> HClF <sub>20</sub> O <sub>4</sub> S	632
9Cl-PF3ONs	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	73606-19-6	C <sub>8</sub> ClF <sub>16</sub> KO <sub>4</sub> S	570
PFUdA	Perfluoroundecanoic acid	2058-94-8	C <sub>11</sub> HF <sub>21</sub> O <sub>2</sub>	564
PFDoA	Perfluorododecanoic acid	206-203-2	C <sub>12</sub> HF <sub>23</sub> O <sub>2</sub>	614
PFTTrDA	Perfluorotridecanoic acid	276-745-2	C <sub>13</sub> HF <sub>25</sub> O <sub>2</sub>	664
PFTeDA	Perfluorotetradecanoic acid	376-06-7	C <sub>14</sub> HF <sub>27</sub> O <sub>2</sub>	714

CAS = Chemical Abstract Service Number

MDL = Method Detection Limit. Method Detection Limit is defined as the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero.

May-23