

### Analytical Results for Arsenic in Human Milk (2025)

The data in this table represent 110 samples of human milk tested in 2025.

Sample Number	Fiscal Year	Simplified Product Label	Arsenic Concentration (ppb) <sup>[a], [b]</sup>
1	2025	Human Milk	<LOD
2	2025	Human Milk	<LOD
3	2025	Human Milk	<LOD
4	2025	Human Milk	<LOD
5	2025	Human Milk	<LOD
6	2025	Human Milk	<LOD
7	2025	Human Milk	<i>0.2</i>
8	2025	Human Milk	<LOD
9	2025	Human Milk	<i>0.2</i>
10	2025	Human Milk	<LOD
11	2025	Human Milk	<LOD
12	2025	Human Milk	<i>0.4</i>
13	2025	Human Milk	<i>0.5</i>
14	2025	Human Milk	<LOD
15	2025	Human Milk	<i>0.3</i>
16	2025	Human Milk	<LOD
17	2025	Human Milk	<LOD
18	2025	Human Milk	<i>0.2</i>
19	2025	Human Milk	<i>0.2</i>
20	2025	Human Milk	<LOD
21	2025	Human Milk	<i>0.2</i>
22	2025	Human Milk	<i>0.1</i>
23	2025	Human Milk	<LOD
24	2025	Human Milk	<i>0.1</i>
25	2025	Human Milk	<i>0.2</i>
26	2025	Human Milk	<LOD
27	2025	Human Milk	<LOD
28	2025	Human Milk	<LOD
29	2025	Human Milk	<LOD
30	2025	Human Milk	<i>0.2</i>
31	2025	Human Milk	<LOD
32	2025	Human Milk	<LOD

[a] Samples were collected from 2023-2025 by the Oklahoma Mothers' Milk Bank in Oklahoma City, Oklahoma, in collaboration with the Human Milk Banking Association of North America, and analyzed by FDA in 2025.

[b] Arsenic refers to total arsenic. Arsenic analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (<https://www.fda.gov/media/87509/download>).

The Limit of Quantitation (LOQ) is 0.3 ppb; the Limit of Detection (LOD) is 0.09 ppb.

Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

<b>Sample Number</b>	<b>Fiscal Year</b>	<b>Simplified Product Label</b>	<b>Arsenic Concentration (ppb)<sup>[a], [b]</sup></b>
33	2025	Human Milk	<LOD
34	2025	Human Milk	<LOD
35	2025	Human Milk	0.2
36	2025	Human Milk	<LOD
37	2025	Human Milk	<LOD
38	2025	Human Milk	<LOD
39	2025	Human Milk	<LOD
40	2025	Human Milk	<LOD
41	2025	Human Milk	<LOD
42	2025	Human Milk	0.3
43	2025	Human Milk	<LOD
44	2025	Human Milk	<LOD
45	2025	Human Milk	<LOD
46	2025	Human Milk	<LOD
47	2025	Human Milk	<LOD
48	2025	Human Milk	<LOD
49	2025	Human Milk	<LOD
50	2025	Human Milk	<LOD
51	2025	Human Milk	0.2
52	2025	Human Milk	0.1
53	2025	Human Milk	<LOD
54	2025	Human Milk	0.6
55	2025	Human Milk	0.1
56	2025	Human Milk	<LOD
57	2025	Human Milk	0.2
58	2025	Human Milk	0.2
59	2025	Human Milk	0.1
60	2025	Human Milk	<LOD
61	2025	Human Milk	<LOD
62	2025	Human Milk	<LOD
63	2025	Human Milk	<LOD
64	2025	Human Milk	<LOD
65	2025	Human Milk	<LOD
66	2025	Human Milk	<LOD
67	2025	Human Milk	<LOD
68	2025	Human Milk	0.2
69	2025	Human Milk	<LOD
70	2025	Human Milk	<LOD
71	2025	Human Milk	<LOD
72	2025	Human Milk	<LOD
73	2025	Human Milk	0.3
74	2025	Human Milk	<LOD
75	2025	Human Milk	<LOD
76	2025	Human Milk	<LOD

<b>Sample Number</b>	<b>Fiscal Year</b>	<b>Simplified Product Label</b>	<b>Arsenic Concentration (ppb)<sup>[a], [b]</sup></b>
77	2025	Human Milk	0.2
78	2025	Human Milk	<LOD
79	2025	Human Milk	<LOD
80	2025	Human Milk	<LOD
81	2025	Human Milk	<LOD
82	2025	Human Milk	0.1
83	2025	Human Milk	0.2
85	2025	Human Milk	<LOD
86	2025	Human Milk	0.2
87	2025	Human Milk	<LOD
88	2025	Human Milk	<LOD
89	2025	Human Milk	<LOD
90	2025	Human Milk	<LOD
91	2025	Human Milk	0.1
92	2025	Human Milk	0.2
93	2025	Human Milk	<LOD
94	2025	Human Milk	<LOD
95	2025	Human Milk	<LOD
96	2025	Human Milk	<LOD
97	2025	Human Milk	<LOD
98	2025	Human Milk	0.1
99	2025	Human Milk	0.2
100	2025	Human Milk	0.4
101	2025	Human Milk	0.1
102	2025	Human Milk	<LOD
103	2025	Human Milk	0.2
104	2025	Human Milk	<LOD
105	2025	Human Milk	<LOD
106	2025	Human Milk	0.8
107	2025	Human Milk	<LOD
108	2025	Human Milk	0.1
109	2025	Human Milk	<LOD
111	2025	Human Milk	<LOD
112	2025	Human Milk	<LOD

### Analytical Results for Lead in Human Milk (2025)

The data in this table represent 110 samples of human milk tested in 2025.

Sample Number	Fiscal Year	Simplified Product Label	Lead Concentration (ppb) <sup>[a], [b]</sup>
1	2025	Human Milk	<LOD
2	2025	Human Milk	<LOD
3	2025	Human Milk	<LOD
4	2025	Human Milk	<i>0.3</i>
5	2025	Human Milk	2.3
6	2025	Human Milk	<i>0.3</i>
7	2025	Human Milk	2.6
8	2025	Human Milk	1.3
9	2025	Human Milk	<i>0.4</i>
10	2025	Human Milk	3.2
11	2025	Human Milk	<i>0.3</i>
12	2025	Human Milk	<i>0.2</i>
13	2025	Human Milk	3.2
14	2025	Human Milk	<LOD
15	2025	Human Milk	<LOD
16	2025	Human Milk	<i>0.3</i>
17	2025	Human Milk	<LOD
18	2025	Human Milk	0.7
19	2025	Human Milk	<LOD
20	2025	Human Milk	<LOD
21	2025	Human Milk	<i>0.3</i>
22	2025	Human Milk	<i>0.2</i>
23	2025	Human Milk	1.2
24	2025	Human Milk	<LOD
25	2025	Human Milk	<i>0.5</i>
26	2025	Human Milk	<LOD
27	2025	Human Milk	<LOD
28	2025	Human Milk	<LOD
29	2025	Human Milk	<i>0.4</i>
30	2025	Human Milk	<LOD
31	2025	Human Milk	<LOD
32	2025	Human Milk	<i>0.2</i>

[a] Samples were collected from 2023-2025 by the Oklahoma Mothers' Milk Bank in Oklahoma City, Oklahoma, in collaboration with the Human Milk Banking Association of North America, and analyzed by FDA in 2025.

[b] Lead analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (<https://www.fda.gov/media/87509/download>).

The Limit of Quantitation (LOQ) is 0.6 ppb; the Limit of Detection (LOD) is 0.2 ppb.

Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

<b>Sample Number</b>	<b>Fiscal Year</b>	<b>Simplified Product Label</b>	<b>Lead Concentration (ppb)<sup>[a], [b]</sup></b>
33	2025	Human Milk	<LOD
34	2025	Human Milk	0.4
35	2025	Human Milk	0.3
36	2025	Human Milk	<LOD
37	2025	Human Milk	<LOD
38	2025	Human Milk	<LOD
39	2025	Human Milk	<LOD
40	2025	Human Milk	<LOD
41	2025	Human Milk	<LOD
42	2025	Human Milk	<LOD
43	2025	Human Milk	0.6
44	2025	Human Milk	<LOD
45	2025	Human Milk	<LOD
46	2025	Human Milk	0.4
47	2025	Human Milk	0.2
48	2025	Human Milk	0.9
49	2025	Human Milk	<LOD
50	2025	Human Milk	<LOD
51	2025	Human Milk	<LOD
52	2025	Human Milk	<LOD
53	2025	Human Milk	<LOD
54	2025	Human Milk	<LOD
55	2025	Human Milk	<LOD
56	2025	Human Milk	<LOD
57	2025	Human Milk	0.2
58	2025	Human Milk	<LOD
59	2025	Human Milk	0.7
60	2025	Human Milk	<LOD
61	2025	Human Milk	<LOD
62	2025	Human Milk	<LOD
63	2025	Human Milk	<LOD
64	2025	Human Milk	<LOD
65	2025	Human Milk	0.3
66	2025	Human Milk	<LOD
67	2025	Human Milk	<LOD
68	2025	Human Milk	<LOD
69	2025	Human Milk	<LOD
70	2025	Human Milk	<LOD
71	2025	Human Milk	<LOD
72	2025	Human Milk	<LOD
73	2025	Human Milk	<LOD
74	2025	Human Milk	<LOD
75	2025	Human Milk	<LOD
76	2025	Human Milk	<LOD

Sample Number	Fiscal Year	Simplified Product Label	Lead Concentration (ppb) <sup>[a], [b]</sup>
77	2025	Human Milk	<LOD
78	2025	Human Milk	<LOD
79	2025	Human Milk	<LOD
80	2025	Human Milk	<LOD
81	2025	Human Milk	<LOD
82	2025	Human Milk	<LOD
83	2025	Human Milk	<LOD
85	2025	Human Milk	<LOD
86	2025	Human Milk	<LOD
87	2025	Human Milk	<LOD
88	2025	Human Milk	<LOD
89	2025	Human Milk	<LOD
90	2025	Human Milk	<LOD
91	2025	Human Milk	<LOD
92	2025	Human Milk	0.2
93	2025	Human Milk	<LOD
94	2025	Human Milk	<LOD
95	2025	Human Milk	0.2
96	2025	Human Milk	<LOD
97	2025	Human Milk	<LOD
98	2025	Human Milk	<LOD
99	2025	Human Milk	<LOD
100	2025	Human Milk	<LOD
101	2025	Human Milk	<LOD
102	2025	Human Milk	<LOD
103	2025	Human Milk	<LOD
104	2025	Human Milk	<LOD
105	2025	Human Milk	<LOD
106	2025	Human Milk	0.3
107	2025	Human Milk	0.3
108	2025	Human Milk	<LOD
109	2025	Human Milk	0.2
111	2025	Human Milk	0.3
112	2025	Human Milk	<LOD

### Analytical Results for Cadmium in Human Milk (2025)

The data in this table represent 110 samples of human milk tested in 2025.

Sample Number	Fiscal Year	Simplified Product Label	Cadmium Concentration (ppb) <sup>[a], [b]</sup>
1	2025	Human Milk	<LOD
2	2025	Human Milk	<LOD
3	2025	Human Milk	<LOD
4	2025	Human Milk	0.1
5	2025	Human Milk	0.1
6	2025	Human Milk	<i>0.03</i>
7	2025	Human Milk	0.1
8	2025	Human Milk	0.1
9	2025	Human Milk	<i>0.04</i>
10	2025	Human Milk	<i>0.03</i>
11	2025	Human Milk	<i>0.02</i>
12	2025	Human Milk	<i>0.03</i>
13	2025	Human Milk	0.1
14	2025	Human Milk	<i>0.02</i>
15	2025	Human Milk	<i>0.04</i>
16	2025	Human Milk	0.1
17	2025	Human Milk	<LOD
18	2025	Human Milk	<LOD
19	2025	Human Milk	<LOD
20	2025	Human Milk	<i>0.02</i>
21	2025	Human Milk	<i>0.03</i>
22	2025	Human Milk	<i>0.02</i>
23	2025	Human Milk	0.1
24	2025	Human Milk	<LOD
25	2025	Human Milk	0.1
26	2025	Human Milk	<i>0.02</i>
27	2025	Human Milk	<LOD
28	2025	Human Milk	<i>0.03</i>
29	2025	Human Milk	<i>0.04</i>
30	2025	Human Milk	<i>0.02</i>
31	2025	Human Milk	<LOD
32	2025	Human Milk	<i>0.03</i>

[a] Samples were collected from 2023-2025 by the Oklahoma Mothers' Milk Bank in Oklahoma City, Oklahoma, in collaboration with the Human Milk Banking Association of North America, and analyzed by FDA in 2025.

[b] Cadmium analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (<https://www.fda.gov/media/87509/download>).

The Limit of Quantitation (LOQ) is 0.06 ppb; the Limit of Detection (LOD) is 0.02 ppb.

Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

<b>Sample Number</b>	<b>Fiscal Year</b>	<b>Simplified Product Label</b>	<b>Cadmium Concentration (ppb)<sup>[a], [b]</sup></b>
33	2025	Human Milk	0.03
34	2025	Human Milk	<LOD
35	2025	Human Milk	0.05
36	2025	Human Milk	0.03
37	2025	Human Milk	<LOD
38	2025	Human Milk	0.04
39	2025	Human Milk	0.1
40	2025	Human Milk	<LOD
41	2025	Human Milk	0.05
42	2025	Human Milk	0.1
43	2025	Human Milk	0.03
44	2025	Human Milk	0.05
45	2025	Human Milk	0.04
46	2025	Human Milk	0.05
47	2025	Human Milk	0.1
48	2025	Human Milk	0.04
49	2025	Human Milk	<LOD
50	2025	Human Milk	<LOD
51	2025	Human Milk	<LOD
52	2025	Human Milk	0.02
53	2025	Human Milk	<LOD
54	2025	Human Milk	0.03
55	2025	Human Milk	<LOD
56	2025	Human Milk	<LOD
57	2025	Human Milk	0.03
58	2025	Human Milk	<LOD
59	2025	Human Milk	0.05
60	2025	Human Milk	0.1
61	2025	Human Milk	0.05
62	2025	Human Milk	0.04
63	2025	Human Milk	<LOD
64	2025	Human Milk	<LOD
65	2025	Human Milk	<LOD
66	2025	Human Milk	<LOD
67	2025	Human Milk	<LOD
68	2025	Human Milk	0.03
69	2025	Human Milk	<LOD
70	2025	Human Milk	0.03
71	2025	Human Milk	<LOD
72	2025	Human Milk	0.03
73	2025	Human Milk	0.03
74	2025	Human Milk	<LOD
75	2025	Human Milk	<LOD
76	2025	Human Milk	<LOD

Sample Number	Fiscal Year	Simplified Product Label	Cadmium Concentration (ppb) <sup>[a], [b]</sup>
77	2025	Human Milk	0.04
78	2025	Human Milk	<LOD
79	2025	Human Milk	<LOD
80	2025	Human Milk	<LOD
81	2025	Human Milk	<LOD
82	2025	Human Milk	0.04
83	2025	Human Milk	<LOD
85	2025	Human Milk	<LOD
86	2025	Human Milk	<LOD
87	2025	Human Milk	<LOD
88	2025	Human Milk	<LOD
89	2025	Human Milk	0.04
90	2025	Human Milk	<LOD
91	2025	Human Milk	0.04
92	2025	Human Milk	<LOD
93	2025	Human Milk	0.02
94	2025	Human Milk	<LOD
95	2025	Human Milk	<LOD
96	2025	Human Milk	0.1
97	2025	Human Milk	<LOD
98	2025	Human Milk	0.02
99	2025	Human Milk	0.02
100	2025	Human Milk	0.03
101	2025	Human Milk	0.1
102	2025	Human Milk	0.04
103	2025	Human Milk	<LOD
104	2025	Human Milk	<LOD
105	2025	Human Milk	0.02
106	2025	Human Milk	0.03
107	2025	Human Milk	0.03
108	2025	Human Milk	<LOD
109	2025	Human Milk	0.02
111	2025	Human Milk	<LOD
112	2025	Human Milk	<LOD

### Analytical Results for Mercury in Human Milk (2025)

The data in this table represent 110 samples of human milk tested in 2025.

Sample Number	Fiscal Year	Simplified Product Label	Mercury Concentration (ppb) <sup>[a], [b]</sup>
1	2025	Human Milk	<LOD
2	2025	Human Milk	<LOD
3	2025	Human Milk	0.1
4	2025	Human Milk	0.5
5	2025	Human Milk	<i>0.04</i>
6	2025	Human Milk	<i>0.05</i>
7	2025	Human Milk	0.1
8	2025	Human Milk	<LOD
9	2025	Human Milk	<LOD
10	2025	Human Milk	<LOD
11	2025	Human Milk	0.1
12	2025	Human Milk	0.1
13	2025	Human Milk	0.2
14	2025	Human Milk	<i>0.04</i>
15	2025	Human Milk	0.1
16	2025	Human Milk	0.1
17	2025	Human Milk	<LOD
18	2025	Human Milk	0.1
19	2025	Human Milk	0.1
20	2025	Human Milk	<i>0.04</i>
21	2025	Human Milk	0.1
22	2025	Human Milk	0.1
23	2025	Human Milk	0.1
24	2025	Human Milk	0.1
25	2025	Human Milk	0.1
26	2025	Human Milk	0.1
27	2025	Human Milk	<LOD
28	2025	Human Milk	<LOD
29	2025	Human Milk	<LOD
30	2025	Human Milk	<LOD
31	2025	Human Milk	0.1
32	2025	Human Milk	<LOD

[a] Samples were collected from 2023-2025 by the Oklahoma Mothers' Milk Bank in Oklahoma City, Oklahoma, in collaboration with the Human Milk Banking Association of North America, and analyzed by FDA in 2025.

[b] Mercury analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (<https://www.fda.gov/media/87509/download>).

The Limit of Quantitation (LOQ) is 0.1 ppb; the Limit of Detection (LOD) is 0.04 ppb.

Results below the LOD are reported as <LOD. Trace values (those greater than the LOD and less than the LOQ) are reported in italics.

<b>Sample Number</b>	<b>Fiscal Year</b>	<b>Simplified Product Label</b>	<b>Mercury Concentration (ppb)<sup>[a], [b]</sup></b>
33	2025	Human Milk	<LOD
34	2025	Human Milk	0.04
35	2025	Human Milk	0.2
36	2025	Human Milk	<LOD
37	2025	Human Milk	0.1
38	2025	Human Milk	0.04
39	2025	Human Milk	3.8
40	2025	Human Milk	0.05
41	2025	Human Milk	<LOD
42	2025	Human Milk	0.1
43	2025	Human Milk	<LOD
44	2025	Human Milk	<LOD
45	2025	Human Milk	3.9
46	2025	Human Milk	3.4
47	2025	Human Milk	0.2
48	2025	Human Milk	0.1
49	2025	Human Milk	0.2
50	2025	Human Milk	<LOD
51	2025	Human Milk	0.1
52	2025	Human Milk	<LOD
53	2025	Human Milk	0.04
54	2025	Human Milk	0.1
55	2025	Human Milk	<LOD
56	2025	Human Milk	0.1
57	2025	Human Milk	0.05
58	2025	Human Milk	0.5
59	2025	Human Milk	<LOD
60	2025	Human Milk	<LOD
61	2025	Human Milk	0.1
62	2025	Human Milk	0.05
63	2025	Human Milk	<LOD
64	2025	Human Milk	<LOD
65	2025	Human Milk	<LOD
66	2025	Human Milk	<LOD
67	2025	Human Milk	0.1
68	2025	Human Milk	0.1
69	2025	Human Milk	0.05
70	2025	Human Milk	<LOD
71	2025	Human Milk	<LOD
72	2025	Human Milk	<LOD
73	2025	Human Milk	0.1
74	2025	Human Milk	<LOD
75	2025	Human Milk	0.1
76	2025	Human Milk	<LOD

Sample Number	Fiscal Year	Simplified Product Label	Mercury Concentration (ppb) <sup>[a], [b]</sup>
77	2025	Human Milk	0.1
78	2025	Human Milk	<LOD
79	2025	Human Milk	0.1
80	2025	Human Milk	0.1
81	2025	Human Milk	0.1
82	2025	Human Milk	<LOD
83	2025	Human Milk	0.1
85	2025	Human Milk	<LOD
86	2025	Human Milk	0.04
87	2025	Human Milk	<LOD
88	2025	Human Milk	0.1
89	2025	Human Milk	<LOD
90	2025	Human Milk	<LOD
91	2025	Human Milk	0.04
92	2025	Human Milk	0.04
93	2025	Human Milk	<LOD
94	2025	Human Milk	0.1
95	2025	Human Milk	0.05
96	2025	Human Milk	<LOD
97	2025	Human Milk	0.1
98	2025	Human Milk	0.1
99	2025	Human Milk	0.05
100	2025	Human Milk	0.05
101	2025	Human Milk	0.05
102	2025	Human Milk	0.1
103	2025	Human Milk	0.1
104	2025	Human Milk	<LOD
105	2025	Human Milk	0.04
106	2025	Human Milk	0.1
107	2025	Human Milk	<LOD
108	2025	Human Milk	0.1
109	2025	Human Milk	<LOD
111	2025	Human Milk	<LOD
112	2025	Human Milk	<LOD