

**TABLE 1 Lead concentration by type of spice.**

Spice	Number of Samples	Lead concentration percentiles (ppm)					Geometric mean (GSD) of samples with detectable lead	<sup>a</sup> Percentage of samples with lead concentration above (>) a reference				
		Median, all samples	75th	90th	95th	Maximum		Above detection limit (%)	> 1 ppm (%)	> 2 ppm (%)	> 5 ppm (%)	> 10 ppm (%)
<b>Total All Spices</b>	<b>1496</b>	<b>0.4</b>	<b>0.4</b>	<b>4.0</b>	<b>330.0</b>	<b>48,000.0</b>	<b>9.5 (20.2)</b>	<b>53</b>	<b>38</b>	<b>31</b>	<b>23</b>	<b>19</b>
Kviteli Kvavili / Yellow Flower / Georgian Saffron	32	227.5	17,750.0	25,500.0	34,350.0	48,000.0	240.1 (63.1)	100	91	84	78	72
Curry	67	0.3	1.2	6.0	438.0	21,000.0	2.4 (13.2)	51	25	18	12	7
Khmeli Suneli / Kharcho Suneli	41	1.7	175.0	6,340.0	13,700.0	17,000.0	21.6 (36.1)	85	61	49	46	39
Bouillon / Broth / Soup Spice	17	ND	ND	1,921.0	-	9,600.0	8.6 (109.6)	24	12	6	6	6
Svanuri Marili / Svaneti Salt	32	525.0	1,900.0	4,310.0	5,800.0	7,100.0	291.4 (16.7)	88	78	78	75	75
Utskho Suneli / Fenugreek	38	3.1	77.0	455.0	707.0	3,500.0	11.8 (14.6)	84	63	58	42	34
Adjika	10	58.0	1,062.5	3,290.0	-	3,400.0	78.3 (28.8)	80	60	60	60	60
Masala	40	ND	1.3	21.9	211.7	2,700.0	2.8 (10.6)	50	30	13	13	13
Turmeric	252	0.7	230.0	770.0	1,028.5	2,700.0	32.3 (22.0)	56	46	39	33	31
Hot pepper / Chili powder / Paprika	284	ND	3.3	27.0	93.0	2,400.0	4.9 (7.5)	48	36	30	20	14
Kvliavi / Dzira / Caraway	9	4.8	14.5	-	-	1,400.0	8.9 (9.7)	89	78	78	44	33
Cumin	127	ND	1.0	4.4	16.0	1,200.0	2.3 (6.2)	46	24	19	9	6
Cinnamon	19	2.0	4.8	9.6	-	880.0	3.8 (6.1)	74	63	53	16	5
Salt	11	ND	0.6	364.0	-	410.0	35.6 (34.6)	27	18	18	18	17
Tamarind	2	114.5	-	-	-	230.0	230.0 (0.0)	50	50	50	50	50
Spice Mix	7	0.6	1.3	-	-	170.0	2.1 (12.1)	71	29	14	14	14
Black or White Pepper	17	ND	0.7	20.4	-	85.0	1.4 (7.0)	47	18	18	6	6
Coriander	102	0.6	2.5	17.4	35.9	79.0	3.0 (4.4)	55	38	26	19	12
Thyme	11	2.4	6.6	18.0	-	19.0	2.9 (3.0)	91	64	55	27	18
Mole	6	ND	9.1	-	-	17.0	10.4 (2.0)	33	33	33	33	17
Epazote	5	ND	11.5	-	-	13.0	11.4 (1.2)	40	40	40	40	20
Ginger	7	1.2	4.3	-	-	9.6	2.9 (2.7)	57	57	29	14	0
Berberis Berries	2	5.1	-	-	-	9.4	2.8 (5.4)	100	50	50	50	0
Garam Masala	24	0.6	2.1	3.5	7.6	8.8	1.4 (2.5)	63	42	25	4	0
Onion	4	ND	5.4	-	-	6.9	2.4 (4.4)	50	25	25	25	0
Okra	4	ND	3.9	-	-	5.5	5.5 (0.0)	25	25	25	25	0
Cilantro	3	1.3	-	-	-	4.6	2.4 (2.4)	67	67	33	0	0
Asafoetida / Hing	4	0.4	3.1	-	-	3.6	2.5 (1.7)	50	50	25	0	0
Anise	4	ND	2.9	-	-	3.5	1.8 (2.5)	50	25	25	0	0
Basil	5	0.5	2.0	-	-	2.8	0.9 (2.4)	80	40	20	0	0
Tequesquite	5	1.2	2.1	-	-	2.6	1.3 (1.6)	100	50	20	0	0
Tikka	3	1.8	-	-	-	2.5	2.1 (1.3)	67	67	33	0	0
Satsivi	2	1.2	-	-	-	1.8	1.0 (2.1)	100	50	0	0	0
Oregano	18	ND	ND	1.0	-	1.7	0.9 (2.0)	17	6	0	0	0
Tkemali	4	ND	0.9	-	-	1.1	0.7 (1.8)	50	25	0	0	0
Harde	2	ND	-	-	-	1.0	1.0 (0.0)	50	0	0	0	0
Cardamom	8	ND	ND	-	-	0.9	0.9 (0.0)	13	0	0	0	0
Bay Leaf	4	ND	0.4	-	-	0.9	0.9 (0.0)	25	0	0	0	0
Biryani Masala	8	ND	0.1	-	-	0.8	0.6 (1.3)	25	0	0	0	0
Tandoori	5	ND	0.5	-	-	0.5	0.5 (1.1)	40	0	0	0	0
Other	93	ND	0.6	2.3	8.9	1,400.0	2.1 (8.8)	32	20	9	5	4
Unknown	133	0.5	11.0	3,620.0	11,600.0	33,000.0	25.4 (44.3)	56	41	35	30	26

Abbreviations: GSD, geometric standard deviation; ppm, parts per million.

<sup>a</sup>Represents row percentage.

Note: Included are spices with two or more samples and at least one sample with detectable lead levels. Eight spices - Za'atar, Vegeta, pomegranate powder, shrimp powder, lentil powder, and mustard, each with 2 or more samples totaling 25 samples, were not included in the table because none of the samples had detectable lead levels. Category 'Other' includes spices that had only one sample, and category 'Unknown' includes spices that were described in non-specific terms such as 'yellow powder', 'brown spice' etc.