

**Summary Table - Inorganic Arsenic in Infant Rice Cereal**

<b>Product Category</b>	<b>Average<sup>1</sup> Inorganic Arsenic<sup>2</sup> (ppb<sup>3</sup>)</b>	<b>Range of Inorganic Arsenic<sup>2</sup> (ppb<sup>3</sup>)</b>	<b>Number of Samples</b>
Cereal - Infant (Rice) <sup>4</sup>	85	22 - 142	149

<sup>1</sup>The average inorganic arsenic reported was calculated using all inorganic arsenic values.

<sup>2</sup>As(III) and As(V) are the most common oxidation states for inorganic arsenic. Most, if not all, of the inorganic arsenic will be present as either As(III) or As(V). Therefore, adding the values together will represent a reliable estimate of the inorganic arsenic present.

<sup>3</sup>ppb = parts per billion (microgram/kilogram) (mcg/kg)

<sup>4</sup>All samples contain rice as the only grain.

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice) <sup>7</sup>	Infant Brown Rice Cereal	128	115	20.2	1.6	1.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	135	99.5	39.3	1.9	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	139	108	16.8	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	74.1	47.4	20.9	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	136	95.5	26.9	2.4	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	105	74.0	26.8	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	67.0	44.2	20.1	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	103	71.4	26.0	0.9	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	123	105	18.3	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	90.5	29.0	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	61.0	37.7	18.7	<LOD	0.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	111	80.2	28.4	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	99.1	71.0	26.8	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	167	142	22.4	2.0	2.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	97.6	30.9	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	113	44.4	71.5	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	96.9	64.9	26.4	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	123	105	24.0	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	111	72.4	27.8	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	118	83.3	40.4	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	108	91.1	12.5	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	93.1	66.9	24.2	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	130	88.4	29.5	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	127	91.8	18.7	3.2	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	99.0	67.4	23.4	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	129	107	31.2	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	104	94.0	16.2	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	67.0	43.2	20.8	<LOD	0.6	15

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	109	78.1	27.4	1.8	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	132	94.4	32.1	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	135	107	32.3	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	137	110	46.6	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	94.1	67.9	21.6	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	138	101	45.7	2.4	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	98.0	70.8	30.5	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	74.0	93.8	18.3	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	147	89.7	44.8	1.4	1.3	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	131	129	21.8	7.5	1.9	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	106	82.3	30.8	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	128	100	33.0	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	348	102	211	7.0	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	96.0	70.9	23.9	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	122	102	18.1	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	133	91.4	37.6	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	141	98.7	51.7	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	105	37.5	3.0	1.6	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	128	105	20.7	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	133	102	31.8	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	130	101	34.5	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	79.0	65.1	6.9	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	115	104	18.9	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	285	122	170	7.2	1.8	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	103	96.9	15.5	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	138	98.8	38.9	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	131	96.6	20.2	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	118	87.5	30.7	<LOD	1.3	15

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	127	86.9	33.1	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	92.0	59.6	23.3	<LOD	0.9	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	98.6	72.4	20.4	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	124	99.7	28	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	98.3	62.5	23.4	<LOD	0.9	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	129	102	29.6	2.3	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	100	70.8	24.9	1.8	1.1	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	111	95.7	13.1	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	71.0	41.2	19.7	<LOD	0.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	124	95.1	33.4	1.9	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	135	98.9	37.2	2.3	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	134	86.7	35.2	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	133	91.8	46.7	4.4	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	87.2	62.5	26.4	<LOD	0.9	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	113	96.1	18.0	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	130	52.3	78.6	<LOD	0.8	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	134	99.6	41.0	2.3	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	36.7	22.4	20.2	<LOD	0.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	132	89.3	31.1	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	80.9	66.7	9.2	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	128	97.0	35.2	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	74.0	44.1	21.0	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	142	108	18.2	3.2	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	132	85.1	36.7	3.6	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	122	91.7	32.9	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	117	103	16.8	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	127	103	36.5	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	129	100	28.2	2.0	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	93.3	70.6	24.8	<LOD	1.1	15

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	93.3	66.8	25.6	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	127	87.2	33.1	1.2	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	135	111	28.7	2.7	1.7	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	122	116	22.4	<LOD	1.7	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	98.6	83.1	14.2	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	72.5	63.6	8.9	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	127	107	29.7	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	129	109	29.8	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	89.8	73.6	10.3	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	122	105	28.4	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	127	101	29.7	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	55.4	34.5	16.8	<LOD	0.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	129	93.9	43.8	2.8	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	104	81.4	27.3	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	104	78.1	39.2	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	130	93.5	27.4	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	128	108	17.1	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	120	79.0	32.7	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	93.0	61.7	24.0	<LOD	0.9	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	101	89.7	32.5	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	98.2	65.6	28.4	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	110	31.3	2.5	1.7	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	112	108	19.3	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	102	91.6	15.6	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	108	93.0	29.7	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	103	31.6	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	124	60.5	76.3	7.0	0.9	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	62.3	77.6	<LOD	0.9	15

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	114	57.5	69.8	1.2	0.9	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	112	81.7	32.3	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	91.0	63.9	23.7	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	114	100	17.8	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	137	107	35.4	2.3	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	130	92.2	39.9	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	119	97.1	32.7	2.5	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	85.7	36.0	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	68.4	64.6	8.0	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	119	100	16.6	<LOD	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	72.6	46.2	21.4	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	98.7	68.8	25.4	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	98.0	71.2	28.5	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	70.0	49.6	21.5	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	119	87.5	28.7	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	131	94.9	29.7	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	108	79.0	27.3	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	139	108	34.5	7.4	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	96.9	70.0	29.1	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice & Banana Apple Cereal	102	51.0	24.9	<LOD	0.8	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	108	81.3	28.7	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	124	93.4	37.9	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	119	115	16.7	<LOD	1.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	97.7	86.0	30.7	<LOD	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	132	92.2	42.2	<LOD	1.4	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	97.2	67.8	28.3	<LOD	1.0	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	74.1	45.8	21.3	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	132	93.6	31.5	<LOD	1.4	15

These samples were collected as part of a Fiscal Year 2018 Arsenic in Infant Rice Cereals Assignment. The objectives of the assignment included increasing knowledge of the extent to which manufacturers could meet the proposed action level for inorganic arsenic in infant rice cereals through good manufacturing practices (GMPs), such as adequate supplier controls, and obtaining data on levels of total and inorganic arsenic in infant rice cereals.

#### Analytical Results - Arsenic in Infant Rice Cereal

Product Category	Sample Description	Total Arsenic <sup>1</sup> (ppb <sup>2</sup> )	Inorganic Arsenic <sup>3</sup> (ppb)	DMA <sup>4</sup> (ppb)	MMA <sup>4,5</sup> (ppb)	Inorganic Arsenic per Serving (mcg/serving)	Serving Size (g) <sup>6</sup>
Cereal - Infant/Toddler (rice)	Infant Brown Rice Cereal (Organic)	129	105	18.6	<LOD	1.6	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	68.0	46.3	21.1	<LOD	0.7	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	135	97.0	42.0	7.4	1.5	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	104	75.8	26.8	<LOD	1.1	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal (Organic)	84.3	50.2	21.9	<LOD	0.8	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	106	81.6	27.7	<LOD	1.2	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	105	87.3	31.8	7.7	1.3	15
Cereal - Infant/Toddler (rice)	Infant Rice Cereal	94.9	66.9	29.7	<LOD	1.0	15

Note: Results rounded using Microsoft Excel. For clarity of presentation and for scientific accuracy, the number of significant figures (number of digits) for the results was set at three for values > 10 ppb, two for values below 10 ppb but above 1 ppb, and one significant figure for values < 1 ppb. These values were based on the precision of the instrumental technique and the limits of detection and quantitation.

<sup>1</sup>The sum of all arsenic species detected may not add up to 100% of total arsenic due to the inherent experimental variability in the different methods used for the two types of analyses.

<sup>2</sup>ppb = parts per billion (microgram/kilogram) (mcg/kg)

<sup>3</sup>As(III) and As(V) are the most common oxidation states for inorganic arsenic. Most, if not all, of the inorganic arsenic will be present as either As(III) or As(V). Therefore, adding the values together will represent a reliable estimate of the inorganic arsenic present.

<sup>4</sup>DMA = dimethylarsinic acid, MMA = monomethylarsonic acid

<sup>5</sup>Results less than the limit of quantification (LOQ) and greater than the limit of detection (LOD) for the testing laboratory are reported in italics. (See LOD and LOQ table.)

<sup>6</sup>Serving size based on Reference Amount Customarily Consumed (RACC) per 21 CFR 101.12.

<sup>7</sup>All samples contain rice as the only grain.

**Limits of Detection (LODs) and Limits of Quantitation (LOQs) for Arsenic Analysis in Infant Rice Cereal**

*Note - Each FDA laboratory may determine a different LOD and LOQ for arsenic analysis.*

*For each laboratory, the actual limits may vary slightly depending on the size of the analytical portion used in the analysis.*

	<b>LOD/LOQ Range (ppb)</b>
<b>LOD - Total Arsenic</b>	0.4-18.8
<b>LOQ - Total Arsenic</b>	1.7-49.2
<b>LOD - Inorganic Arsenic<sup>1</sup></b>	1.3-3.6
<b>LOQ - Inorganic Arsenic<sup>2</sup></b>	10.0-29.8
<b>LOD - DMA</b>	0.9-2.6
<b>LOQ - DMA</b>	7.3-21.0
<b>LOD - MMA</b>	0.9-2.6
<b>LOQ - MMA</b>	6.6-21.0

<sup>1</sup> Some LODs were reported separately for AsIII and AsV, ranging from 1.3-2.9 ppb.

<sup>2</sup> Some LOQs were reported separately for AsIII and AsV, ranging from 10.0-22.5 ppb.