

**Analytical Results for Total Arsenic in Single-Strength Apple Juice Sampled Under the FDA's Toxic Elements in Food and Foodware, and Radionuclides in Food – Import and Domestic Compliance Program (FY2013-FY2022)**

The data in this table represent samples of single-strength apple juice from FY2013 to FY2022 that were analyzed for total arsenic by the FDA as part of the FDA's Toxic Elements in Food and Foodware, and Radionuclides in Food compliance program.

Fiscal year	Sample ID	Total As concentration (ppb) <sup>[a]</sup>
FY13	383057	1.8
FY13	747075	5.4
FY13	761907	2.6
FY13	765922	3.3
FY13	765923	0.8
FY13	777236	1.6
FY13	785662 <sup>[c]</sup>	26
FY13	798342	2.8
FY13	816011	<LOQ <sup>[b]</sup>
FY13	817594	<LOD
FY14	751635	1.8
FY14	766644	3.0
FY14	815628 <sup>[c]</sup>	44
FY14	827086	4.1
FY14	827087 <sup>[c]</sup>	29
FY14	837052	<LOD
FY14	837053	<LOD
FY14	837054	5.0
FY14	850282 <sup>[c]</sup>	29
FY14	852656	2.7
FY14	860122	14
FY14	865920	<LOQ <sup>[b]</sup>
FY15	817679	1.0
FY15	817681	1.0
FY15	817683	3.0
FY15	817685	2.0
FY15	870538	<LOD
FY15	871566	1.0
FY15	871567	3.0
FY15	871929	1.0
FY15	871930	2.0
FY15	874495	3.1
FY15	877450	<LOD
FY15	879233	<LOD
FY15	880386	<LOQ <sup>[b]</sup>
FY15	880506	<LOD
FY15	883528	3.6
FY15	887409 <sup>[c]</sup>	11
FY15	889477	4.0
FY15	890642	2.0
FY15	890791	4.2

Fiscal year	Sample ID	Total As concentration (ppb) <sup>[a]</sup>
FY15	892396	2.0
FY15	894062	<LOQ <sup>[b]</sup>
FY15	895819	1.0
FY15	899613	1.6
FY15	900701	<LOQ <sup>[b]</sup>
FY15	900702	<LOQ <sup>[b]</sup>
FY15	900703	3.2
FY15	902821	5.0
FY15	903199	2.0
FY15	906281	1.8
FY15	907558	1.9
FY15	912349	2.6
FY15	913916	2.5
FY15	913920	<LOD
FY15	914626	<LOD
FY15	921356	3.2
FY15	924971	9.0
FY15	927561	<LOQ <sup>[b]</sup>
FY16	918114	8.0
FY16	919244	5.1
FY16	919245	2.4
FY16	925816	5.9
FY16	931196	1.0
FY16	931202	8.0
FY16	939773	16
FY16	941349	3.3
FY16	942436	<LOQ <sup>[b]</sup>
FY16	952390	7.1
FY16	953837	8.4
FY16	968333	1.3
FY16	969690	10
FY16	971621	4.0
FY17	971095	2.7
FY17	971096	2.0
FY17	971865	1.2
FY17	976992	2.5
FY17	981057	3.0
FY17	1005807 <sup>[c]</sup>	15
FY17	1019673	1.0
FY18	802013	1.0
FY18	1021522	6.0
FY18	1021523	5.0
FY18	1030154	1.3
FY18	1030155	2.6
FY18	1030395	5.7
FY18	1037932	2.2
FY18	1075489	2.4
FY18	1027350	4.0
FY18	1027353	5.0

Fiscal year	Sample ID	Total As concentration (ppb) <sup>[a]</sup>
FY18	1031835 <sup>[c]</sup>	11
FY18	1034857	10
FY18	1049931 <sup>[c]</sup>	32
FY18	1077283 <sup>[c]</sup>	16
FY19	887190	1.5
FY19	1009936	<LOD
FY19	1083214	1.7
FY19	1084147	6.3
FY19	1084148	4.0
FY19	1085016	2.2
FY19	1090925	3.2
FY19	1093638	3.1
FY19	1094490	2.1
FY19	1094704	1.9
FY19	1120344	2.0
FY19	1097752	1.0
FY19	1099139 <sup>[c]</sup>	28
FY19	1099305	0.3
FY19	1099799	1.0
FY19	1100000	3.0
FY19	1105470	1.9
FY19	1107966	3.0
FY19	1110398	<LOD
FY20	1016364	2.1
FY20	1084595	5.0
FY20	1111397	1.8
FY20	1125130	1.0
FY20	1127395	3.0
FY20	1134049	1.0
FY20	1125979	19
FY20	1130567	2.0
FY20	1134806 <sup>[c]</sup>	19
FY20	1137010	1.8
FY20	1138715	2.3
FY20	1141001	1.6
FY20	1146040	1.6
FY21	1134835	5.4
FY21	1151452	2.0
FY21	1148497	<LOD
FY21	1150081	<LOD
FY21	1151103	8.5
FY21	1144543 <sup>[c]</sup>	21
FY21	1146381	4.3
FY21	1151059	4.1
FY21	1154196	5.7
FY21	1155673	5.3
FY21	1166425	<LOD
FY21	1166426	3.8
FY21	1166427	1.1

Fiscal year	Sample ID	Total As concentration (ppb) <sup>[a]</sup>
FY21	1168543 <sup>[c]</sup>	11
FY21	1168549 <sup>[c]</sup>	13
FY21	1169083	2.6
FY22	1146073	<i>0.80</i>
FY22	1152460	4.0
FY22	1167830	<i>1.0</i>
FY22	1172519	<i>2.7</i>
FY22	1172630	<i>1.7</i>
FY22	1173477	<i>0.6</i>
FY22	1173924	<LOD
FY22	1175798	1.1
FY22	1175799	7.2
FY22	1176207	<i>1.6</i>
FY22	1176257	<i>1.3</i>
FY22	1178454	<i>2.7</i>
FY22	1179728	<i>1.5</i>
FY22	1182279	2.3
FY22	1182799	2.4
FY22	1184582	<i>1.4</i>
FY22	1186781	<i>4.1</i>
FY22	1189714	2.0

<sup>[a]</sup> Total arsenic analyses were conducted using inductively coupled plasma mass spectrometry (ICP-MS) (<https://www.fda.gov/media/87509/download>). Limits of Quantitation (LOQs) ranged from 0.3 to 36.2 µg/kg (ppb); Limits of Detection (LODs) ranged from 0.04 to 4.6 µg/kg (ppb). Results less than the LOQ and greater than the LOD are reported in italics. Results less than the LOD are reported as <LOD.

<sup>[b]</sup> Results were less than the LOQ, but greater than the LOD; however, numeric values were not available.

<sup>[c]</sup> Selected samples were speciated for arsenic. See Table: Speciation Results from Arsenic Analysis in Single-Strength Apple Juice -TEP (FY2013-FY2022) on [fda.gov](https://www.fda.gov).