Radiation Measurement Results of 219 Items in February

When samples include natural radionuclides we can't deny the possibility of their radiation value counted together in our results.

The list below only shows the measurement results of the samples brought in.

Radioactive contamination level may differ according to sampling points even within the same address.

★Gamma-ray

Measuring instrument		Feature	Guide to lower limit※
Na I Scintillation Spectrometer			
Product of ATOMTEX AT1320A	Product of BERTHOLD LB2045	・Gamma-ray spectrometer with Na I scintillation detector.	Food (Sample 1kg) Lower limit 1.0Bq/Kg Soil (Sample 1kg) Lower limit 2.5Bq/Kg Material (Sample 1kg) Lower limit 1.0Bq/Kg Water (Sample 20L Lower limit 0.02Bq/L
			

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Na I Scintillation Spectrometer (Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Rice	Shinchi,Soma, Fukushima	Oct-21	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.7 Bq/kg raw
Potato	Miharu,Tamura, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.1 Bq/kg raw
Taro	Namie,Futaba, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Taro	Nishida,Koriyama, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.1 Bq/kg raw
Taro	Nihonmatsu, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.9 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.5 Bq/kg raw
Chinese yam	Minamisoma, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.0 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.0 Bq/kg raw
Yam	Ogoe,Tamura, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.5 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.3 Bq/kg raw
Taro	Iwaki City	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.1 Bq/kg raw
Jerusalem artichoke	Ogoe,Tamura, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.4 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.1 Bq/kg raw
Sweet potato	Yokozuka,Koriyama, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.9 Bq/kg raw
Carrot	Miharu,Tamura, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.5 Bq/kg raw
Carrot	Tokiwa,Tamura, Fukushima	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.8 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.5 Bq/kg raw
Carrot	Samegawa, Higashishirakawa, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.1 Bq/kg raw
Japanese white radish	Izumitamatsuyu, Iwaki	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Japanese white radish	Kagawa Pref.	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Japanese red radish	Nishida,Koriyama, Fukushima	Jan-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.0 Bq/kg raw
Dried radish	Izumitamatsuyu, Iwaki	Feb-22	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.8 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	3.0 Bq/kg raw

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Cabbage	Nihonmatsu, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.6	Bq/kg raw
Cabbage	Yanaizu,Kawanuma, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.2	Bq/kg raw
Chinese cabbage	Minamisoma, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.5	Bq/kg raw
Chinese cabbage	Miharu,Tamura, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.4	Bq/kg raw
Chinese cabbage	Ibaraki Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.2	Bq/kg raw
Broccoli	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.7	Bq/kg raw
Spinach	Tamura,Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.2	Bq/kg raw
Spinach	Ibaraki Pref.	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.9	Bq/kg raw
Canola flower	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.4	Bq/kg raw
Tsubomina	Tamura,Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.1	Bq/kg raw
Tsubomina	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.4	Bq/kg raw
Asuparana	Hiwada,Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.2	Bq/kg raw
Purple-stem mustard	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.8	Bq/kg raw
Green onion	Miharu,Tamura, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.1	Bq/kg raw
Green onion	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.2	Bq/kg raw
Burdock	Tamura,Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.7	Bq/kg raw
Yacon	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.9	Bq/kg raw
Yacon	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.6	Bq/kg raw
Dried Yacon	Watanabe,Iwaki	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Tomato	Yasuhara,Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.1	Bq/kg raw
Tomato	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.9	Bq/kg raw
Soybeans	Machiniwasaka, Fukushima, Fukushima Pref.	Feb-22	Cs137	4.9	Bq/kg raw	±	2.3	Bq/kg raw	4.9	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Blackbeans	Miharu,Tamura, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.1	Bq/kg raw
Apple(pulp)	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.0	Bq/kg raw

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Apple (peel・core)	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Kiwi fruit	Fukushima, Fukushima Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.3	Bq/kg raw
Yuzu	Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.9	Bq/kg raw
Butterbur sprout	Iwaki City	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.5	Bq/kg raw
Dried Deep-sea smelt	Shimane Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Mekabu seaweed	Miyagi Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.7	Bq/kg raw
Shitake mushroom log grown	Koriyama, Fukushima	Jan-22	Cs137	8.1	Bq/kg raw	±	1.7	Bq/kg raw	8.1	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.2	Bq/kg raw
Ginkgo	Niigata Pref.	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.0	Bq/kg raw
Egg	Shinchi,Soma, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.0	Bq/kg raw
Egg	Miyagi Pref.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.8	Bq/kg raw
Konjac	Tabito,Iwaki	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.9	Bq/kg raw
Buckwheat flour	Kitakata, Fukushima.	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.0	Bq/kg raw
Boiled soba	Kitakata, Fukushima.	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.4	Bq/kg raw
Dried udon	Tamura, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.0	Bq/kg raw
Sake lees	Koriyama, Fukushima	Jan-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.0	Bq/kg raw
turmeric (raw)	Nihonmatsu, Fukushima	Feb-22	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Field soil	Hirono,Futaba, Fukushima	Feb-22	Cs137	193.0	Bq/kg dry	±	20.5	Bq/kg dry	198.1	Cs137	1.8	Bq/kg dry
			Cs134	5.1	Bq/kg dry	±	1.0	Bq/kg dry		Cs134	2.3	Bq/kg dry
Field soil	Kamiyagyu, Yotsukura,Iwaki	Feb-22	Cs137	215.0	Bq/kg dry	±	22.2	Bq/kg dry	222.7	Cs137	1.0	Bq/kg dry
			Cs134	7.7	Bq/kg dry	±	1.0	Bq/kg dry		Cs134	1.3	Bq/kg dry
Field soil	Tairahirakubo, Iwaki	Feb-22	Cs137	53.4	Bq/kg dry	±	6.3	Bq/kg dry	53.4	Cs137	2.9	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.6	Bq/kg dry
Field soil	Kaminemoto, Tono,Iwaki	Feb-22	Cs137	232.0	Bq/kg dry	±	25.5	Bq/kg dry	240.2	Cs137	2.8	Bq/kg dry
			Cs134	8.2	Bq/kg dry	±	1.5	Bq/kg dry		Cs134	3.6	Bq/kg dry
Field soil	Onahamakaziro, Iwaki	Feb-22	Cs137	184.0	Bq/kg dry	±	19.1	Bq/kg dry	189.6	Cs137	1.2	Bq/kg dry
			Cs134	5.6	Bq/kg dry	±	0.9	Bq/kg dry		Cs134	1.6	Bq/kg dry
Field soil	Onahamanoda, Iwaki	Feb-22	Cs137	99.6	Bq/kg dry	±	11.3	Bq/kg dry	99.6	Cs137	3.5	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	3.3	Bq/kg dry
Field soil	Takizirinakanotsubo, Izumi,Iwaki	Feb-22	Cs137	91.9	Bq/kg dry	±	10.3	Bq/kg dry	94.9	Cs137	2.2	Bq/kg dry
			Cs134	3.0	Bq/kg dry	±	0.9	Bq/kg dry		Cs134	2.8	Bq/kg dry
Soil(in the park) under the slide	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	Cs137	1700.0	Bq/kg dry	±	173.0	Bq/kg dry	1760.9	Cs137	3.1	Bq/kg dry
			Cs134	60.9	Bq/kg dry	±	6.8	Bq/kg dry		Cs134	2.9	Bq/kg dry

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty	Total Amount of Cesium	Minimum Limit of Detection	
Soil (in the park)	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	Cs137	576.0 Bq/kg dry	± 59.0 Bq/kg dry	594.2	Cs137	1.8 Bq/kg dry
			Cs134	18.2 Bq/kg dry	± 2.3 Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil (in the park)	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	Cs137	488.0 Bq/kg dry	± 49.8 Bq/kg dry	504.2	Cs137	1.4 Bq/kg dry
			Cs134	16.2 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil (in the park)	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	Cs137	411.0 Bq/kg dry	± 43.1 Bq/kg dry	423.9	Cs137	2.4 Bq/kg dry
			Cs134	12.9 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil (in the park)	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	Cs137	288.0 Bq/kg dry	± 29.6 Bq/kg dry	298.3	Cs137	1.2 Bq/kg dry
			Cs134	10.3 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	1180.0 Bq/kg dry	± 120.0 Bq/kg dry	1215.1	Cs137	2.0 Bq/kg dry
			Cs134	35.1 Bq/kg dry	± 4.0 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil(in the park) under the slide	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	1050.0 Bq/kg dry	± 108.0 Bq/kg dry	1093.2	Cs137	3.2 Bq/kg dry
			Cs134	43.2 Bq/kg dry	± 5.0 Bq/kg dry		Cs134	3.4 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	1050.0 Bq/kg dry	± 107.0 Bq/kg dry	1076.4	Cs137	2.1 Bq/kg dry
			Cs134	26.4 Bq/kg dry	± 3.3 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	687.0 Bq/kg dry	± 69.7 Bq/kg dry	709.2	Cs137	1.4 Bq/kg dry
			Cs134	22.2 Bq/kg dry	± 2.6 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	651.0 Bq/kg dry	± 66.8 Bq/kg dry	669.6	Cs137	2.3 Bq/kg dry
			Cs134	18.6 Bq/kg dry	± 2.5 Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	430.0 Bq/kg dry	± 44.1 Bq/kg dry	444.5	Cs137	1.3 Bq/kg dry
			Cs134	14.5 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	353.0 Bq/kg dry	± 37.0 Bq/kg dry	365.5	Cs137	2.5 Bq/kg dry
			Cs134	12.5 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	162.0 Bq/kg dry	± 17.0 Bq/kg dry	214.0	Cs137	1.3 Bq/kg dry
			Cs134	52.0 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	24.6 Bq/kg dry	± 2.8 Bq/kg dry	24.6	Cs137	1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil(in the park) under the Obstacle course	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	4.4 Bq/kg dry	± 0.7 Bq/kg dry	4.4	Cs137	1.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Wildwood 2,Minamidai,Iwaki	Jan-22	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil(in the park) under the slide	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	4970.0 Bq/kg dry	± 521.0 Bq/kg dry	5137.0	Cs137	20.6 Bq/kg dry
			Cs134	167.0 Bq/kg dry	± 21.6 Bq/kg dry		Cs134	18.4 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	3510.0 Bq/kg dry	± 700.0 Bq/kg dry	3626.0	Cs137	13.6 Bq/kg dry
			Cs134	116.0 Bq/kg dry	± 24.0 Bq/kg dry		Cs134	11.0 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	1470.0 Bq/kg dry	± 149.0 Bq/kg dry	1527.4	Cs137	2.1 Bq/kg dry
			Cs134	57.4 Bq/kg dry	± 6.2 Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil(in the park) under the mushroom step	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	787.0 Bq/kg dry	± 82.5 Bq/kg dry	812.6	Cs137	3.7 Bq/kg dry
			Cs134	25.6 Bq/kg dry	± 3.5 Bq/kg dry		Cs134	4.6 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	783.0 Bq/kg dry	± 79.7 Bq/kg dry	809.4	Cs137	1.6 Bq/kg dry
			Cs134	26.4 Bq/kg dry	± 3.1 Bq/kg dry		Cs134	1.8 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	599.0 Bq/kg dry	± 62.7 Bq/kg dry	621.2	Cs137	3.4 Bq/kg dry
			Cs134	22.2 Bq/kg dry	± 3.1 Bq/kg dry		Cs134	4.3 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	597.0 Bq/kg dry	± 61.9 Bq/kg dry	619.8	Cs137	2.8 Bq/kg dry
			Cs134	22.8 Bq/kg dry	± 3.1 Bq/kg dry		Cs134	3.2 Bq/kg dry
Soil(in the park) under the tire playset	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	489.0 Bq/kg dry	± 51.3 Bq/kg dry	507.5	Cs137	2.2 Bq/kg dry
			Cs134	18.5 Bq/kg dry	± 2.4 Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	325.0 Bq/kg dry	± 33.4 Bq/kg dry	337.3	Cs137	1.3 Bq/kg dry
			Cs134	12.3 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	1.5 Bq/kg dry

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Soil (in the park)	Rogu Park 1,Minamidai,Iwaki	Jan-22	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.8	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	622.0	Bq/kg dry	±	63.3	Bq/kg dry	640.0	Cs137	1.3	Bq/kg dry
			Cs134	18.0	Bq/kg dry	±	2.1	Bq/kg dry		Cs134	1.5	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	572.0	Bq/kg dry	±	59.2	Bq/kg dry	596.0	Cs137	2.2	Bq/kg dry
			Cs134	24.0	Bq/kg dry	±	2.9	Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	470.0	Bq/kg dry	±	48.3	Bq/kg dry	483.8	Cs137	1.6	Bq/kg dry
			Cs134	13.8	Bq/kg dry	±	1.8	Bq/kg dry		Cs134	2.0	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	373.0	Bq/kg dry	±	39.1	Bq/kg dry	389.1	Cs137	2.2	Bq/kg dry
			Cs134	16.1	Bq/kg dry	±	2.1	Bq/kg dry		Cs134	2.9	Bq/kg dry
Soil(in the park) under the slide	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	257.0	Bq/kg dry	±	27.4	Bq/kg dry	267.2	Cs137	2.2	Bq/kg dry
			Cs134	10.2	Bq/kg dry	±	1.6	Bq/kg dry		Cs134	3.0	Bq/kg dry
Soil(in the park) Sandbox	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	100.0	Bq/kg dry	±	11.3	Bq/kg dry	136.6	Cs137	1.9	Bq/kg dry
			Cs134	36.6	Bq/kg dry	±	0.9	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	72.5	Bq/kg dry	±	8.3	Bq/kg dry	72.5	Cs137	3.0	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil(in the park) under the swing	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	67.2	Bq/kg dry	±	7.6	Bq/kg dry	67.2	Cs137	2.6	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.3	Bq/kg dry
Soil (in the park)	Irihara Children's Park Irihara,Nishiki,Iwaki	Jan-22	Cs137	37.8	Bq/kg dry	±	4.6	Bq/kg dry	37.8	Cs137	2.5	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.3	Bq/kg dry
Soil (in the park)	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	1240.0	Bq/kg dry	±	125.0	Bq/kg dry	1272.1	Cs137	1.7	Bq/kg dry
			Cs134	32.1	Bq/kg dry	±	3.7	Bq/kg dry		Cs134	1.7	Bq/kg dry
Soil (in the park)	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	813.0	Bq/kg dry	±	83.9	Bq/kg dry	841.5	Cs137	2.6	Bq/kg dry
			Cs134	28.5	Bq/kg dry	±	3.5	Bq/kg dry		Cs134	3.1	Bq/kg dry
Soil (in the park)	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	535.0	Bq/kg dry	±	55.0	Bq/kg dry	547.5	Cs137	2.3	Bq/kg dry
			Cs134	12.5	Bq/kg dry	±	2.0	Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil(in the park) under the slide	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	289.0	Bq/kg dry	±	29.7	Bq/kg dry	296.4	Cs137	1.2	Bq/kg dry
			Cs134	7.4	Bq/kg dry	±	1.0	Bq/kg dry		Cs134	1.5	Bq/kg dry
Soill(in the park) under the seesaw	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	277.0	Bq/kg dry	±	28.3	Bq/kg dry	285.1	Cs137	1.0	Bq/kg dry
			Cs134	8.1	Bq/kg dry	±	1.1	Bq/kg dry		Cs134	1.2	Bq/kg dry
Soil (in the park)	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	186.0	Bq/kg dry	±	20.0	Bq/kg dry	191.5	Cs137	2.0	Bq/kg dry
			Cs134	5.5	Bq/kg dry	±	1.1	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	85.2	Bq/kg dry	±	9.3	Bq/kg dry	88.4	Cs137	1.7	Bq/kg dry
			Cs134	3.2	Bq/kg dry	±	0.8	Bq/kg dry		Cs134	2.0	Bq/kg dry
Soil(in the park) under the swing	Sagiuchi Park Sagiuchi,Nishiki,Iwaki	Jan-22	Cs137	30.3	Bq/kg dry	±	3.6	Bq/kg dry	30.3	Cs137	1.7	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.1	Bq/kg dry
Soil(in the park) under the Horizontal bar	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	480.0	Bq/kg dry	±	50.0	Bq/kg dry	505.6	Cs137	2.1	Bq/kg dry
			Cs134	25.6	Bq/kg dry	±	2.5	Bq/kg dry		Cs134	2.5	Bq/kg dry
Soil(in the park) Sandbox	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	458.0	Bq/kg dry	±	47.6	Bq/kg dry	476.8	Cs137	1.9	Bq/kg dry
			Cs134	18.8	Bq/kg dry	±	2.3	Bq/kg dry		Cs134	2.2	Bq/kg dry
Soil (in the park)	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	445.0	Bq/kg dry	±	45.6	Bq/kg dry	460.0	Cs137	1.4	Bq/kg dry
			Cs134	15.0	Bq/kg dry	±	1.9	Bq/kg dry		Cs134	1.7	Bq/kg dry
Soil (in the park)	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	408.0	Bq/kg dry	±	41.7	Bq/kg dry	419.9	Cs137	1.3	Bq/kg dry
			Cs134	11.9	Bq/kg dry	±	1.5	Bq/kg dry		Cs134	1.4	Bq/kg dry
Soil (in the park)	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	267.0	Bq/kg dry	±	28.1	Bq/kg dry	276.7	Cs137	2.0	Bq/kg dry
			Cs134	9.7	Bq/kg dry	±	1.6	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil(in the park) under the basketball goal	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	218.0	Bq/kg dry	±	22.4	Bq/kg dry	225.6	Cs137	1.1	Bq/kg dry
			Cs134	7.6	Bq/kg dry	±	1.1	Bq/kg dry		Cs134	1.3	Bq/kg dry

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But it does not necessary mean 0(zero)Bq/kg.

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★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Soil(in the park) under the bench	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	167.0 Bq/kg dry	± 17.4 Bq/kg dry	173.3	Cs137	1.0 Bq/kg dry
			Cs134	6.3 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil (in the park)	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	146.0 Bq/kg dry	± 15.4 Bq/kg dry	150.5	Cs137	1.2 Bq/kg dry
			Cs134	4.5 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	145.0 Bq/kg dry	± 15.0 Bq/kg dry	149.4	Cs137	1.0 Bq/kg dry
			Cs134	4.4 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil(in the park) under the bench	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	129.0 Bq/kg dry	± 13.6 Bq/kg dry	134.1	Cs137	1.1 Bq/kg dry
			Cs134	5.1 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil(in the park) under the Horizontal bar	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	62.7 Bq/kg dry	± 7.0 Bq/kg dry	64.9	Cs137	1.8 Bq/kg dry
			Cs134	2.2 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil(in the park) under the swing	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	43.6 Bq/kg dry	± 4.7 Bq/kg dry	43.6	Cs137	1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil(in the park) under the slide	Nakososekitanishi Park Sekitanshi,Nakoso,Iwaki	Jan-22	Cs137	42.4 Bq/kg dry	± 5.2 Bq/kg dry	42.4	Cs137	2.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil(in the park) under the rest area	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	444.0 Bq/kg dry	± 45.4 Bq/kg dry	458.3	Cs137	1.2 Bq/kg dry
			Cs134	14.3 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (in the park)	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	364.0 Bq/kg dry	± 37.3 Bq/kg dry	376.3	Cs137	1.2 Bq/kg dry
			Cs134	12.3 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil(in the park) under the bench	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	322.0 Bq/kg dry	± 33.9 Bq/kg dry	337.8	Cs137	2.2 Bq/kg dry
			Cs134	15.8 Bq/kg dry	± 2.1 Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil (in the park)	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	274.0 Bq/kg dry	± 28.3 Bq/kg dry	282.2	Cs137	1.2 Bq/kg dry
			Cs134	8.2 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil(in the park) Sandbox	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	265.0 Bq/kg dry	± 27.9 Bq/kg dry	273.7	Cs137	1.8 Bq/kg dry
			Cs134	8.7 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil(in the park) under the slide	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	209.0 Bq/kg dry	± 22.2 Bq/kg dry	214.3	Cs137	1.9 Bq/kg dry
			Cs134	5.3 Bq/kg dry	± 1.1 Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil(in the park) under the Horizontal bar	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	139.0 Bq/kg dry	± 14.9 Bq/kg dry	144.6	Cs137	1.7 Bq/kg dry
			Cs134	5.6 Bq/kg dry	± 1.1 Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) under the swing	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	138.0 Bq/kg dry	± 14.4 Bq/kg dry	141.9	Cs137	1.0 Bq/kg dry
			Cs134	3.9 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil (in the park)	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	19.7 Bq/kg dry	± 2.3 Bq/kg dry	19.7	Cs137	1.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	15.5 Bq/kg dry	± 2.0 Bq/kg dry	15.5	Cs137	2.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil (in the park)	Shiroyone daiichi Park Shiroyone,Nakoso,Iwaki	Jan-22	Cs137	7.5 Bq/kg dry	± 1.0 Bq/kg dry	7.5	Cs137	1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry
Flowers	Iwaki City	Feb-22	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.1 Bq/kg raw
Ash (Wood-burning stove)	Fukushima Pref.	Feb-22	Cs137	2610.0 Bq/kg raw	± 520.0 Bq/kg raw	2734.0	Cs137	20.0 Bq/kg raw
			Cs134	124.0 Bq/kg raw	± 28.0 Bq/kg raw		Cs134	16.6 Bq/kg raw

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★Gamma-ray

Measuring instrument		Feature	Guide to lower limit※
Germanium Semiconductor detector			
ORTEC GEM30-70	CANBERRA GC4020	・Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." ・ORTEC GEM30-70 Relative efficiency 35% ・CANBERRA GC4020 Relative efficiency 43%	Food (Sample 2kg) Lower limit 0.04Bq/Kg Soil (Sample 1kg) Lower limit 0.06Bq/Kg Material (Sample 1kg) Lower limit 0.06Bq/Kg Water (Sample 20L) Lower limit 0.001Bq/L
			

※The lower limit varies depending on the sample weight and measurement time.

Measuring instrument:Germanium Semiconductor detector (Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Brown rice	Namie,Futaba,Fukushima	Oct-21	CA	Cs137	1.9 Bq/kg raw	± 0.2 Bq/kg raw	1.9	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw
Dried persimmon	Date,Fukushima	Feb-22	CA	Cs137	1.2 Bq/kg raw	± 0.5 Bq/kg raw	1.2	Cs137	1.0 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.8 Bq/kg raw
Chinese citron (peel)	Onahamashimokajiro,Iwaki	Jan-22	OR	Cs137	3.5 Bq/kg raw	± 0.4 Bq/kg raw	3.5	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.7 Bq/kg raw
Egg	Izumi,Iwaki	Feb-22	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
Buckwheat flour	Iitate,Soma,Fukushima	Nov-21	OR	Cs137	3.6 Bq/kg raw	± 0.4 Bq/kg raw	3.6	Cs137	0.8 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.9 Bq/kg raw
Green tea	Japan (production)	Feb-22	OR	Cs137	0.3 Bq/kg raw	± 0.07 Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
Porcini mushrooms	Onahama,Iwaki	Jul-21	CA	Cs137	140.4 Bq/kg raw	± 2.3 Bq/kg raw	145.5	Cs137	1.3 Bq/kg raw
				Cs134	5.1 Bq/kg raw	± 0.9 Bq/kg raw		Cs134	1.7 Bq/kg raw
Roundnose flounder	unknown	Dec-21	OR	Cs137	0.6 Bq/kg raw	± 0.1 Bq/kg raw	0.6	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.3 Bq/kg raw
Red sea bream	unknown	Dec-21	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 Bq/kg raw
Mackerel	unknown	Dec-21	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 Bq/kg raw
Pacific saury	unknown	Dec-21	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.3 Bq/kg raw
Gurnard	unknown	Dec-21	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.3 Bq/kg raw
Black scraper	unknown	Dec-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw
Japanese smelt	Lake Hibara/Fukushima Pref.	Dec-21	CA	Cs137	6.7 Bq/kg raw	± 1.5 Bq/kg raw	6.7	Cs137	2.8 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.8 Bq/kg raw
Soil	Shiokazenooka Park 1,Minamidai,Iwaki	Jan-22	CA	Cs137	387.3 Bq/kg dry	± 5.1 Bq/kg dry	400.7	Cs137	2.0 Bq/kg dry
				Cs134	13.4 Bq/kg dry	± 1.30 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil	Ogawa,Iwaki	Feb-22	CA	Cs137	75.4 Bq/kg dry	± 2.2 Bq/kg dry	77.5	Cs137	1.7 Bq/kg dry
				Cs134	2.1 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil	Obama,Fukui	Sep-21	CA	Cs137	2.2 Bq/kg dry	± 0.6 Bq/kg dry	2.2	Cs137	1.2 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil	Atsuga,Fukui	Sep-21	CA	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.2 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry
Soil	Mihama,Mikata,Fukui	Sep-21	CA	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.5 Bq/kg dry
Soil	Yonamine,Nakijin,Okinawa	May-21	OR	Cs137	0.8 Bq/kg dry	± 0.2 Bq/kg dry	0.8	Cs137	0.5 Bq/kg dry
				Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.6 Bq/kg dry

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Soil	Ogimi,Kunigami, Okinawa	May-21	OR	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.5	Bq/kg dry
Soil	Onna,Kunigami, Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.4	Bq/kg dry
Soil	Nishihara, nakagami, Okinawa	May-21	OR	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.6	Bq/kg dry
Soil	Chinenazama, Nanjo,Okinawa	May-21	OR	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.9	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.3	Bq/kg dry
Soil	Tamagusuku,Nanjo Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.6	Bq/kg dry
Sea sand	Yonamine,Nakijin, Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.6	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.6	Bq/kg dry
Sea sand	Ogimi,Kunigami, Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.1	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.0	Bq/kg dry
Sea sand	Onna,Kunigami, Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.6	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.5	Bq/kg dry
Sea sand	Nishihara, Nakagami, Okinawa	May-21	OR	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	0.5	Bq/kg dry
Sea sand	Chinenazama, Nanjo,Okinawa	May-21	OR	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	2.3	Bq/kg dry
Sea sand	Tamagusuku,Nanjo Okinawa	May-21	CA	Cs137	—	Bq/kg dry	±	—	Bq/kg dry	Under Minimum Limit of Detection	Cs137	1.0	Bq/kg dry
				Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.3	Bq/kg dry
Suspended solid in sea water (surface)	Onahama Port/ Iwaki City	Jul-20	CA	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.0008	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Hiragata Port/ Ibaraki Pref.	Jul-20	CA	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.0008	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Soma Port/ Fukushima Pref.	Apr-21	OR	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.0009	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Tomioka Port/ Fukushima Pref.	May-21	OR	Cs137	0.001	Bq/L	±	0.0004	Bq/L	0.001	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point A	Aug-21	OR	Cs137	0.001	Bq/L	±	0.0003	Bq/L	0.001	Cs137	0.0007	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point A	Nov-21	OR	Cs137	0.003	Bq/L	±	0.0006	Bq/L	0.003	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point B	Nov-21	CA	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point C	Nov-21	OR	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.002	Bq/L
Suspended solid in sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point D	Nov-21	OR	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Tomioka Port/ Fukushima Pref.	Nov-21	CA	Cs137	0.002	Bq/L	±	0.0008	Bq/L	0.002	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Soma Port/ Fukushima Pref.	Nov-21	CA	Cs137	—	Bq/L	±	—	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Kayahama Coast/ Fukushima Pref.	Nov-21	OR	Cs137	0.001	Bq/L	±	0.0007	Bq/L	0.001	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Ukedo Port/ Fukushima Pref.	Nov-21	CA	Cs137	0.005	Bq/L	±	0.001	Bq/L	0.005	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Gamma-ray

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Suspended solid in sea water (surface)	Iwasawa Beach/ Fukushima Pref.	Nov-21	CA	Cs137	0.007	Bq/L	± 0.0009	Bq/L	0.007	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	± —	Bq/L		Cs134	0.001	Bq/L
Suspended solid in sea water (surface)	Onahama Port/ Iwaki City	Nov-21	OR	Cs137	—	Bq/L	± —	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	± —	Bq/L		Cs134	0.002	Bq/L
Suspended solid in river water (surface)	Tadami,Minamiaizu, Fukushima	Jun-21	CA	Cs137	0.001	Bq/L	± 0.0007	Bq/L	0.001	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	± —	Bq/L		Cs134	0.001	Bq/L
Suspended solid in river water (surface)	Fuzawa River/ Fukushima Pref.	Jul-21	OR	Cs137	—	Bq/L	± —	Bq/L	Under Minimum Limit of Detection	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	± —	Bq/L		Cs134	0.001	Bq/L
Raw cotton	Hirono,Futaba, Fukushima	Sep-20	OR	Cs137	3.5	Bq/kg raw	± 1.6	Bq/kg raw	3.5	Cs137	3.3	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	5.2	Bq/kg raw
Raw cotton	Hirono,Futaba, Fukushima	Feb-22	OR	Cs137	3.4	Bq/kg raw	± 1.0	Bq/kg raw	3.4	Cs137	1.9	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	2.4	Bq/kg raw
Raw cotton	Ogawa,Iwaki	Feb-22	CA	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.1	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.1	Bq/kg raw
Raw cotton	Kamiyagyu, Yotsukura,Iwaki	Feb-22	CA	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.0	Bq/kg raw
Raw cotton	Tairahirakubo, Iwaki	Feb-22	OR	Cs137	1.4	Bq/kg raw	± 0.4	Bq/kg raw	1.4	Cs137	0.7	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.8	Bq/kg raw
Raw cotton	Kaminemoto, Tono,Iwaki	Feb-22	CA	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.9	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.9	Bq/kg raw
Raw cotton	Onahamanoda, Iwaki	Feb-22	OR	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.7	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.7	Bq/kg raw
Raw cotton	Onahamakaziro, Iwaki	Feb-22	OR	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.8	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.8	Bq/kg raw
Raw cotton	Takiziri,Izumi, Iwaki	Feb-22	OR	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.9	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	1.0	Bq/kg raw
Pine leaves	Obama,Fukui	Sep-21	CA	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.5	Bq/kg raw

※"_"used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Beta-ray

Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex **HIDEX 300SLL**	Product of PerkinElmer Japan **Quantulus GCT 622**	Equipment for measuring low-energy beta-ray emission nuclides Measuring nuclide Strontium90 Half-life 30 years Organically bound 3H Harf-life 12.3 years Free-water 3H Harf-life 12.3 years All samples are measured in liquid condition after several days of pretreatment.
		

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Minimum Limit of Detection	
Sea water (surface)	Soma Port/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.19	Bq/L
Sea water (surface)	Kayahama Coast/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.20	Bq/L
Sea water (surface)	Ukedo Port/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.20	Bq/L
Sea water (surface)	Futaba Beach/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.19	Bq/L
Sea water (surface)	Kumagawa Estuary/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.19	Bq/L
Sea water (surface)	Iwasawa Beach/ Fukushima Pref.	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.19	Bq/L
Sea water (surface)	Onahama Port/ Iwaki City	Nov-21	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.19	Bq/L
Chinese cabbage	Kashima, Minamisoma, Fukushima	Nov-18	Sr90	3.24	Bq/kg dry	±	0.28	Bq/kg dry	0.38	Bq/kg dry
Yuzu	Kashima, Minamisoma, Fukushima	Nov-18	Sr90	0.33	Bq/kg dry	±	0.08	Bq/kg dry	0.12	Bq/kg dry
Chestnut (fruit)	Kumamoto Pref.	Sep-19	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.17	Bq/kg dry
Octopus	Iwaki City	Nov-19	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.16	Bq/kg dry
Oyster (shell・flesh)	Tomioka Port/ Fukushima Pref.	Aug-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.78	Bq/kg dry
Spisula (flesh)	Iwaki City	Aug-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.20	Bq/kg dry
Soil	Soma,Fukushima	Sep-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.85	Bq/kg dry
Soil	Yamashita Park Izumitamatsuyu,Iwaki	Oct-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.80	Bq/kg dry
Soil	Izumishimizu Park 5,Izumi,Iwaki	Dec-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.84	Bq/kg dry
Soil	Izumigaokanishi Park 2,Izumigaoka,Iwaki	Dec-20	Sr90	1.46	Bq/kg dry	±	0.55	Bq/kg dry	0.83	Bq/kg dry

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

But it does not necessary mean 0(zero)Bq/kg.

Mothers' Radiation Lab Fukushima

★Beta-ray

(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Minimum Limit of Detection
Soil	Izumigaoka Park Izumigaoka,Iwaki	Dec-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.80 Bq/kg dry
Soil	Izumigaokachuo Park 2,Izumigaoka,Iwaki	Dec-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.84 Bq/kg dry
Soil	Izumigaokaminami Park 2,Izumigaoka,Iwaki	Jan-21	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.88 Bq/kg dry
Soil	Hayamaminami Park Hayama,Iwaki	Sep-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.82 Bq/kg dry
Soil	Hayamanishi Park Hayama,Iwaki	Sep-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.82 Bq/kg dry
River sand (0-5cm deep)	Abukuma River/ Miyagi Pref	Dec-20	Sr90	Under Minimum Limit of Detection Bq/kg dry	± —	Bq/kg dry	0.82 Bq/kg dry
Sea water (surface)	Soma Port/ Fukushima Pref.	Nov-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0007 Bq/L
Sea water (surface)	Ukedo Port/ Fukushima Pref.	Nov-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0007 Bq/L
Sea water (surface)	Kumagawa Estuary/ Fukushima Pref.	Nov-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0007 Bq/L
Sea water (surface)	Iwasawa Beach/ Fukushima Pref.	Nov-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0006 Bq/L
Sea water (surface)	Onahama Port/ Fukushima Pref.	Nov-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0007 Bq/L
River water	Kido River/ Fukushima Pref	Dec-21	Sr90	Under Minimum Limit of Detection Bq/L	± —	Bq/L	0.0008 Bq/L

※"—" used in Measurement Result and Uncertainty shows that the value is below the detection limit.

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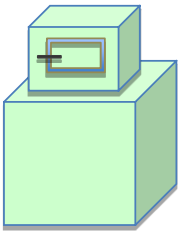
Mothers' Radiation Lab Fukushima

Measurement results of 16 items by germanium semiconductor detector

Dr.Tetsuji Imanaka,Institute of Multiple Nuclear Science,Kyoto University

In order to convey more measurement results to everyone, we have asked Dr. Tetsuji Imanaka of the Institute of Advanced Nuclear Science, Kyoto University, to measure low-dose samples using germanium semiconductor detectors. Measurement samples are not only from Fukushima Prefecture but also come from other prefectures. Please compare data based on measurements from various regions and use them to protect your children from radiation exposure.

★Gamma-ray



Measuring instrument：Germanium Semiconductor detector

・Product of CANBERRA(CA),USA GX3018 Relative efficiency 30% or more

・Product of ORTEC(OR),USA GMX25－70 Relative efficiency 35%

(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Brown rice	Namie,Futaba, Fukushima	Oct-21	OR	Cs137	2.8 Bq/kg raw	± 0.07 Bq/kg raw	2.93	Cs137		
				Cs134	0.13 Bq/kg raw	± 0.03 Bq/kg raw		Cs134		
Rice	Namie,Futaba, Fukushima	Oct-21	OR	Cs137	1.3 Bq/kg raw	± 0.05 Bq/kg raw	1.3	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Onion	Kawauchi,Futaba, Fukushima	Sep-21	OR	Cs137	1.7 Bq/kg raw	± 0.06 Bq/kg raw	1.76	Cs137		
				Cs134	0.06 Bq/kg raw	± 0.02 Bq/kg raw		Cs134		
Aralia sprout	Minamiaizu, Fukushima	May-21	OR	Cs137	17 Bq/kg raw	± 0.6 Bq/kg raw	17.6	Cs137		
				Cs134	0.6 Bq/kg raw	± 0.2 Bq/kg raw		Cs134		
Aralia sprout	Tsurugashima, Saitama	Jun-21	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Mandarin orange	Kawabe,Iwaki	Sep-21	OR	Cs137	0.08 Bq/kg raw	± 0.03 Bq/kg raw	0.08	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Crimson sea bream	Fukushima Pref.	Feb-21	CA	Cs137	0.63 Bq/kg raw	± 0.08 Bq/kg raw	0.63	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Japanese butterfish	Fukushima Pref.	Mar-21	CA	Cs137	0.05 Bq/kg raw	± 0.03 Bq/kg raw	0.05	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Goldeye rockfish	Ukedo Port/ Fukushima Pref.	Mar-21	CA	Cs137	0.26 Bq/kg raw	± 0.06 Bq/kg raw	0.26	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Ocellate spot skate	Ukedo Port/ Fukushima Pref.	Mar-21	CA	Cs137	1.5 Bq/kg raw	± 0.1 Bq/kg raw	1.5	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Japanese icefish	Ukedo Port/ Fukushima Pref.	Mar-21	CA	Cs137	0.65 Bq/kg raw	± 0.06 Bq/kg raw	0.65	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Sea bass	Haragama Port/ Fukushima Pref.	Apr-21	CA	Cs137	0.7 Bq/kg raw	± 0.07 Bq/kg raw	0.7	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Skipjack tuna	Nakanosaku Port/ Iwaki City	Jun-21	OR	Cs137	0.19 Bq/kg raw	± 0.05 Bq/kg raw	0.19	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Flounder	Hisanohama Port/ Iwaki City	Mar-21	CA	Cs137	1.3 Bq/kg raw	± 0.06 Bq/kg raw	1.3	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Horse mackerel	Hisanohama Port/ Iwaki City	Sep-21	OR	Cs137	0.29 Bq/kg raw	± 0.06 Bq/kg raw	0.29	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		
Anglerfish	Hisanohama Port/ Iwaki City	Sep-21	CA	Cs137	0.17 Bq/kg raw	± 0.05 Bq/kg raw	0.17	Cs137		
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134		

Mothers' Radiation Lab Fukushima