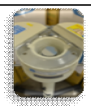
Radiation Measurement Results of 150 Items in August

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	
Carrot	Hokkaido Pref.	Aug-23	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
Carrot	Tomioka, Futaba, Fukushima	Jul-23	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.2 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.9 Bq/kg raw
Potato	Tomioka, Futaba, Fukushima	Jul-23	Cs137	5.4 Bq/kg raw	± 1.80 Bq/kg raw	5.4	Cs137	2.3 Bq/kg raw
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.1 Bq/kg raw
Potato	Sukagawa, Fukushima	Jul-23	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
Sweet potato	Koriyama, Fukushima	Aug-23	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
Burdock	Tamura, Koriyama, Fukushima	Aug-23	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	1.4 Bq/kg raw
Ginger	Iwaki, Fukushima	Aug-23	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	1.2 Bq/kg raw
Onion	Aizubange, Kawanuma, Fukushima	Jul-23	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
Green onion	Fukushima, Fukushima Pref.	Jul-23	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	3.1 Bq/kg raw
Green onion	Iwaki, Fukushima	Aug-23	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	3.1 Bq/kg raw
Pumpkin	Ohira, Koriyama, Fukushima	Jul-23	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	2.3 Bq/kg raw
Pumpkin	Nihonmatsu, Fukushima	Jul-23	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	1.6 Bq/kg raw
Pumpkin	Hirata, Ishikawa, Fukushima	Aug-23	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
Cucumber	Iwaki, Fukushima	Aug-23	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
Cucumber	Kawamae. Iwaki, Fukushima	Aug-23	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
Eggplant	Kawamae, Iwaki, Fukushima	Aug-23	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	2.3 Bq/kg raw
Eggplant	Hirata, Ishikawa, Fukushima	Aug-23	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

※"—" 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	
Green pepper	Hirata, Ishikawa,Fukushima	Aug-23	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
Paprika	Ohisa,Iwaki, Fukushima	Aug-23	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	1.4 Bq/kg raw
Green pepper shishito	Fukushima, Fukushima Pref.	Jul-23	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	1.6 Bq/kg raw
Green pepper shishito	Hirata, Ishikawa,Fukushima	Aug-23	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
Okra	Iwaki,Fukushima	Aug-23	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	1.8 Bq/kg raw
Tomato	Minamiaizu,Minamiaizu,Fukushima	Aug-23	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	1.2 Bq/kg raw
Tomato	Takine,Tamura, Fukushima	Jul-23	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	1.6 Bq/kg raw
Cherry tomato	Yabuki, Nishishirakawa, Fukushima	Jul-23	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
Corn	Otsuki,Koriyama, Fukushima	Aug-23	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	1.6 Bq/kg raw
Asparagus (purple)	Kitakata, Fukushima	Aug-23	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	1.6 Bq/kg raw
Asparagus	Tamura,Koriyama, Fukushima	Aug-23	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.2 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	2.9 Bq/kg raw
Bitter gourd	Hirata, Ishikawa,Fukushima	Aug-23	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
Bitter gourd	Tamura,Koriyama, Fukushima	Aug-23	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	2.4 Bq/kg raw
Bitter gourd	Fukushima, Fukushima Pref.	Jul-23	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	2.3 Bq/kg raw
Malabar spinach	Mihota,Koriyama, Fukushima	Aug-23	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	2.7 Bq/kg raw
Malabar spinach	Iwaki,Fukushima	Aug-23	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	1.2 Bq/kg raw
Dried stems of taro	Yamatsuri, Higashishirakawa, Fukushima	Aug-23	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	6.5 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	5.2 Bq/kg raw
Water melon	Iwaki,Fukushima	Aug-23	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
Peach	Aizumisato,Onuma ,Fukushima	Aug-23	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	2.3 Bq/kg raw
Peach	Fukushima, Fukushima Pref.	Aug-23	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
Peach	Hobara,Date, Fukushima	Jul-23	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	2.3 Bq/kg raw
Japanese pear	Iwaki,Fukushima	Aug-23	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	2.3 Bq/kg raw
Plum	Ryouzen,Date, Fukushima	Aug-23	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	2.5 Bq/kg raw
Plum	Aizumisato, Onuma, Fukushima	Aug-23	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	2.3 Bq/kg raw

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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		
Fig	Fukushima, Fukushima Pref.	Jul-23	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	3.1	Bq/kg raw
Blueberry	Obama, Iwaki, Fukushima	Aug-23	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
Melon(pickles)	Hobara, Date, Fukushima	Jul-23	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	1.6	Bq/kg raw
Melon	Bandai, Yama, Fukushima.	Aug-23	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
Common bean	Nihonmatsu, Fukushima	Jul-23	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	1.2	Bq/kg raw
Red bean	Iwaki, Fukushima	Aug-23	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
Black soybean	Ibaraki Pref.	Aug-23	Cs137	3.6	Bq/kg raw	±	1.7	Bq/kg raw	3.6	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.6	Bq/kg raw
Cowpea	Ibaraki Pref.	Aug-23	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	1.3	Bq/kg raw
Shitake mushroom log grown(dried)	Yamatsuri, Higashishirakawa, Fukushima	Jul-23	Cs137	32.7	Bq/kg raw	±	7.1	Bq/kg raw	32.7	Cs137	6.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	5.5	Bq/kg raw
Shitake mushroom log grown(dried)	Yamatsuri, Higashishirakawa, Fukushima	Aug-23	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	7.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	5.7	Bq/kg raw
Shimeji mushroom	Nagano Pref.	Aug-23	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
Eryngii mushroom	Ogawa, Iwaki, Fukushima	Aug-23	Cs137	5.1	Bq/kg raw	±	2.1	Bq/kg raw	5.1	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.5	Bq/kg raw
Wood ear mushroom	Mihota, Koriyama, Fukushima	Aug-23	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
Natto	Fukushima Pref.	Jul-23	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	1.9	Bq/kg raw
Soy pulp	Miyagi Pref.	Aug-23	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
Dried udon	Iwaki, Fukushima	Aug-23	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
Sticky barley	Otsuki, Koriyama, Fukushima	Aug-23	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
Flour	Iwaki, Fukushima	Aug-23	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	Gunma Pref.	Aug-23	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	2.0	Bq/kg raw
Soil (in the park)	Semento Park Yotsukura, Iwaki	Mar-23	Cs137	2010.0	Bq/kg dry	±	204.0	Bq/kg dry	2051.2	Cs137	2.2	Bq/kg dry
			Cs134	41.2	Bq/kg dry	±	4.6	Bq/kg dry		Cs134	2.4	Bq/kg dry
Soil (in the park)	Semento Park Yotsukura, Iwaki	Mar-23	Cs137	1050.0	Bq/kg dry	±	106.0	Bq/kg dry	1073.9	Cs137	1.5	Bq/kg dry
			Cs134	23.9	Bq/kg dry	±	2.7	Bq/kg dry		Cs134	1.5	Bq/kg dry
Soil (in the park)	Semento Park Yotsukura, Iwaki	Mar-23	Cs137	404.0	Bq/kg dry	±	42.1	Bq/kg dry	414.7	Cs137	2.2	Bq/kg dry
			Cs134	10.7	Bq/kg dry	±	1.7	Bq/kg dry		Cs134	2.5	Bq/kg dry
Soil (in the park)	Semento Park Yotsukura, Iwaki	Mar-23	Cs137	2.3	Bq/kg dry	±	0.5	Bq/kg dry	2.3	Cs137	1.3	Bq/kg dry
			Cs134	—	Bq/kg dry	±	—	Bq/kg dry		Cs134	1.5	Bq/kg dry
Soil(in the park) under the rest area	Semento Park Yotsukura, Iwaki	Mar-23	Cs137	1430.0	Bq/kg dry	±	145.0	Bq/kg dry	1455.4	Cs137	2.7	Bq/kg dry
			Cs134	25.4	Bq/kg dry	±	3.2	Bq/kg dry		Cs134	2.7	Bq/kg dry

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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)	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	376.0 Bq/kg dry	± 38.6 Bq/kg dry	383.3	Cs137	1.7 Bq/kg dry
			Cs134	7.3 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	273.0 Bq/kg dry	± 28.9 Bq/kg dry	278.1	Cs137	2.4 Bq/kg dry
			Cs134	5.1 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	35.7 Bq/kg dry	± 4.2 Bq/kg dry	35.7	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	200.0 Bq/kg dry	± 21.2 Bq/kg dry	204.3	Cs137	2.3 Bq/kg dry
			Cs134	4.3 Bq/kg dry	± 1.1 Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura,Iwaki	Mar-23	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(in the park) under the swing	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	21.6 Bq/kg dry	± 2.8 Bq/kg dry	21.6	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil(in the park) under the animal playset	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	28.4 Bq/kg dry	± 3.4 Bq/kg dry	28.4	Cs137	2.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) sandbox	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	6.7 Bq/kg dry	± 0.8 Bq/kg dry	6.7	Cs137	0.8 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.0 Bq/kg dry
Soil(in the park) under the slide	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	12.1 Bq/kg dry	± 1.7 Bq/kg dry	12.1	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil(in the park) under the concrete tunnel	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	140.0 Bq/kg dry	± 15.3 Bq/kg dry	140.0	Cs137	3.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.1 Bq/kg dry
Soil(in the park) under the monkey bars	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	20.5 Bq/kg dry	± 2.4 Bq/kg dry	20.5	Cs137	1.6 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.8 Bq/kg dry
Soil(in the park) drinking fountains	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	128.0 Bq/kg dry	± 13.5 Bq/kg dry	131.6	Cs137	1.3 Bq/kg dry
			Cs134	3.6 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	1.7 Bq/kg dry
Soil(in the park) under the bench	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	35.8 Bq/kg dry	± 4.4 Bq/kg dry	35.8	Cs137	2.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil(in the park) beside the toilet	Tateshita Park Yotsukura,Iwaki	Mar-23	Cs137	8.9 Bq/kg dry	± 1.1 Bq/kg dry	8.9	Cs137	1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	339.0 Bq/kg dry	± 35.0 Bq/kg dry	348.1	Cs137	1.6 Bq/kg dry
			Cs134	9.1 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	423.0 Bq/kg dry	± 43.5 Bq/kg dry	431.9	Cs137	1.5 Bq/kg dry
			Cs134	8.9 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	1.8 Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	268.0 Bq/kg dry	± 27.8 Bq/kg dry	274.3	Cs137	1.5 Bq/kg dry
			Cs134	6.3 Bq/kg dry	± 1.1 Bq/kg dry		Cs134	1.9 Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	490.0 Bq/kg dry	± 50.9 Bq/kg dry	499.6	Cs137	2.6 Bq/kg dry
			Cs134	9.6 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	3.2 Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	254.0 Bq/kg dry	± 27.0 Bq/kg dry	260.0	Cs137	2.2 Bq/kg dry
			Cs134	6.0 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil(in the park) drinking fountains	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	455.0 Bq/kg dry	± 46.7 Bq/kg dry	466.9	Cs137	1.7 Bq/kg dry
			Cs134	11.9 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil(in the park) behind the bench ①	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	81.1 Bq/kg dry	± 9.3 Bq/kg dry	81.1	Cs137	3.4 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil(in the park) behind the bench ②	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	558.0 Bq/kg dry	± 57.1 Bq/kg dry	567.1	Cs137	1.6 Bq/kg dry
			Cs134	9.1 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	1.8 Bq/kg dry
Soil(in the park) Foot of the promenade steps	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	1360.0 Bq/kg dry	± 139.0 Bq/kg dry	1390.1	Cs137	3.2 Bq/kg dry
			Cs134	30.1 Bq/kg dry	± 3.7 Bq/kg dry		Cs134	3.5 Bq/kg dry
Soil(in the park) beside the bush	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	Cs137	628.0 Bq/kg dry	± 64.3 Bq/kg dry	642.0	Cs137	1.9 Bq/kg dry
			Cs134	14.0 Bq/kg dry	± 1.9 Bq/kg dry		Cs134	2.1 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)	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	462.0 Bq/kg dry	± 48.7 Bq/kg dry	473.1	Cs137	3.3 Bq/kg dry
			Cs134	11.1 Bq/kg dry	± 2.1 Bq/kg dry		Cs134	3.9 Bq/kg dry
Soil (in the park)	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	294.0 Bq/kg dry	± 31.1 Bq/kg dry	300.9	Cs137	2.4 Bq/kg dry
			Cs134	6.9 Bq/kg dry	± 1.4 Bq/kg dry		Cs134	3.0 Bq/kg dry
Soil (in the park)	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	667.0 Bq/kg dry	± 68.1 Bq/kg dry	679.3	Cs137	1.7 Bq/kg dry
			Cs134	12.3 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	1.9 Bq/kg dry
Soil (in the park)	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	605.0 Bq/kg dry	± 62.1 Bq/kg dry	617.7	Cs137	2.2 Bq/kg dry
			Cs134	12.7 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil(in the park) under the horizontal bar	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	339.0 Bq/kg dry	± 34.9 Bq/kg dry	346.1	Cs137	1.7 Bq/kg dry
			Cs134	7.1 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.0 Bq/kg dry
Soil(in the park) under the swing	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	30.9 Bq/kg dry	± 3.8 Bq/kg dry	30.9	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.8 Bq/kg dry
Soil(in the park) under the slide	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	231.0 Bq/kg dry	± 24.5 Bq/kg dry	236.6	Cs137	2.5 Bq/kg dry
			Cs134	5.6 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	3.2 Bq/kg dry
Soil(in the park) sandbox	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	89.9 Bq/kg dry	± 9.9 Bq/kg dry	89.9	Cs137	2.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry
Soil(in the park) under the basketball goal	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil(in the park) under the bench	Hira Park Akai,Taira,Iwaki	Jul-23	Cs137	38.4 Bq/kg dry	± 4.2 Bq/kg dry	38.4	Cs137	1.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.2 Bq/kg dry

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

Mothers' Radiation Lab Fukushima

★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	
Alpine leek	Fukushima, Fukushima Pref.	Apr-23	CA	Cs137	2.9 Bq/kg raw	± 0.2 Bq/kg raw	2.9	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 Bq/kg raw
Bamboo shoot (raw)	Fukuoka Pref.	Apr-23	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
Ostrich fern	Nogami,Okuma, Futaba,Fukushima	Apr-23	CA	Cs137	12.0 Bq/kg raw	± 0.7 Bq/kg raw	12.0	Cs137	0.8 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.7 Bq/kg raw
Ostrich fern(boiled)	Nogami,Okuma, Futaba,Fukushima	Apr-23	CA	Cs137	7.4 Bq/kg raw	± 0.4 Bq/kg raw	7.4	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.5 Bq/kg raw
Dried ostrich fern	Shimogo,Minamiaizu, Fukushima	May-23	CA	Cs137	10.6 Bq/kg raw	± 1.3 Bq/kg raw	10.6	Cs137	2.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	2.2 Bq/kg raw
Shitake mushroom log grown(dried)	Hanno,Saitama	May-23	CA	Cs137	65.5 Bq/kg raw	± 1.1 Bq/kg raw	65.5	Cs137	1.3 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.4 Bq/kg raw
Strawberry	Kawauchi,Futaba, Fukushima	Apr-23	OR	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
Sweetfish	Ogawa,Iwaki, Fukushima	Jul-23	CA	Cs137	3.1 Bq/kg raw	± 0.1 Bq/kg raw	3.1	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.9 Bq/kg raw	± 0.1 Bq/kg raw	0.9	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.5 Bq/kg raw	± 0.1 Bq/kg raw	0.5	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.2 Bq/kg raw	± 0.06 Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.30 Bq/kg raw	± 0.08 Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
Fox jacopever	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.4 Bq/kg raw	± 0.05 Bq/kg raw	0.4	Cs137	0.09 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.08 Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.3 Bq/kg raw	± 0.1 Bq/kg raw	0.3	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
Black sebastes	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.3 Bq/kg raw	± 0.1 Bq/kg raw	0.3	Cs137	0.2 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.3 Bq/kg raw
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.4 Bq/kg raw	± 0.07 Bq/kg raw	0.4	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.4 Bq/kg raw	± 0.05 Bq/kg raw	0.4	Cs137	0.1 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.09 Bq/kg raw
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.7 Bq/kg raw	± 0.05 Bq/kg raw	0.7	Cs137	0.09 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.100 Bq/kg raw
White rockfish	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.5 Bq/kg raw	± 0.04 Bq/kg raw	0.5	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.07 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	Measuring instrument type	Measurement Result			Uncertainty			Total Amount of Cesium	Minimum Limit of Detection		
Shark(guts)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	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	0.6	Bq/kg raw
Shark(flesh)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	1.7	Bq/kg raw	±	0.1	Bq/kg raw	1.7	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Flounder	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.7	Bq/kg raw	±	0.1	Bq/kg raw	0.7	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.3	Bq/kg raw
Soil (in the park)	Semento Park Yotsukura,Iwaki	Mar-23	OR	Cs137	578.4	Bq/kg dry	±	6.9	Bq/kg dry	590.5	Cs137	2.5	Bq/kg dry
				Cs134	12.1	Bq/kg dry	±	1.6	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil (in the park)	Semento Park Yotsukura,Iwaki	Mar-23	CA	Cs137	556.4	Bq/kg dry	±	6.5	Bq/kg dry	568.4	Cs137	2.1	Bq/kg dry
				Cs134	12.0	Bq/kg dry	±	1.1	Bq/kg dry		Cs134	2.7	Bq/kg dry
Soil (in the park)	Syuku children's playground Tairashimokabeya,Iwaki	Mar-23	OR	Cs137	201.0	Bq/kg dry	±	4.5	Bq/kg dry	205.3	Cs137	2.5	Bq/kg dry
				Cs134	4.3	Bq/kg dry	±	1.3	Bq/kg dry		Cs134	2.6	Bq/kg dry
Soil(in the park) under the bench	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	OR	Cs137	221.3	Bq/kg dry	±	5.1	Bq/kg dry	226.9	Cs137	2.6	Bq/kg dry
				Cs134	5.6	Bq/kg dry	±	1.3	Bq/kg dry		Cs134	2.5	Bq/kg dry
Soil (in the park)	Yoshima-chuo Park Nishi Yoshima,Iwaki	Jul-23	OR	Cs137	874.0	Bq/kg dry	±	9.8	Bq/kg dry	891.1	Cs137	3.2	Bq/kg dry
				Cs134	17.1	Bq/kg dry	±	2.0	Bq/kg dry		Cs134	3.4	Bq/kg dry
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.002	Bq/L	±	0.0005	Bq/L	0.002	Cs137	0.0009	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.008	Bq/L	±	0.001	Bq/L	0.008	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.003	Bq/L	±	0.0005	Bq/L	0.003	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	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
Sea water C (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.003	Bq/L	±	0.0005	Bq/L	0.003	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water C (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.003	Bq/L	±	0.0005	Bq/L	0.003	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water D (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	OR	Cs137	0.003	Bq/L	±	0.0005	Bq/L	0.003	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water D (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	CA	Cs137	0.004	Bq/L	±	0.0006	Bq/L	0.004	Cs137	0.001	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.001	Bq/L
Sea water (surface)	Tomioka Port/Fukushima Pref.	Aug-23	OR	Cs137	0.008	Bq/L	±	0.0006	Bq/L	0.008	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

★Beta-ray

Measuring instrument		Feature
Liquid Scintillation Counter		
Product of Hidex **HIDEX 300SLL**	Product of PerkinElmer Japan **Quantulus GCT 6220**	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	
Red seabream	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T(Tissue Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.44	Bq/L
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04	Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.05	Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.05	Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Nov-22	T (Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.04	Bq/L
Tap water	Yahata,Kitakyusyu, Fukuoka	Jun-22	T (Free)	0.13	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Tap water	Naka-ku, Hiroshima, Hiroshima Pref.	Jun-22	T (Free)	0.20	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sebastes (head,bone)	Hokkaido Pref.	Jun-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.21	Bq/kg dry
Fox jacopever (head,bone)	Off the coast of Fukushima Nuclear Power Plant1	May-23	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	—	Bq/kg dry	0.12	Bq/kg dry
Sea water (surface)	Soma Port/ Fukushima Pref.	May-23	Sr90	0.0011	Bq/L	±	0.0003	Bq/L	0.0004	Bq/L
Sea water (surface)	Murakami Coast/ Fukushima Pref.	May-23	Sr90	0.0005	Bq/L	±	0.0003	Bq/L	0.0004	Bq/L
Sea water A (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	0.0005	Bq/L	±	0.0003	Bq/L	0.0004	Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0004	Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.0004	Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant1	Aug-23	Sr90	0.0007	Bq/L	±	0.0003	Bq/L	0.0004	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.

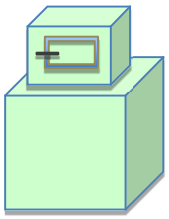
Mothers' Radiation Lab Fukushima

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%

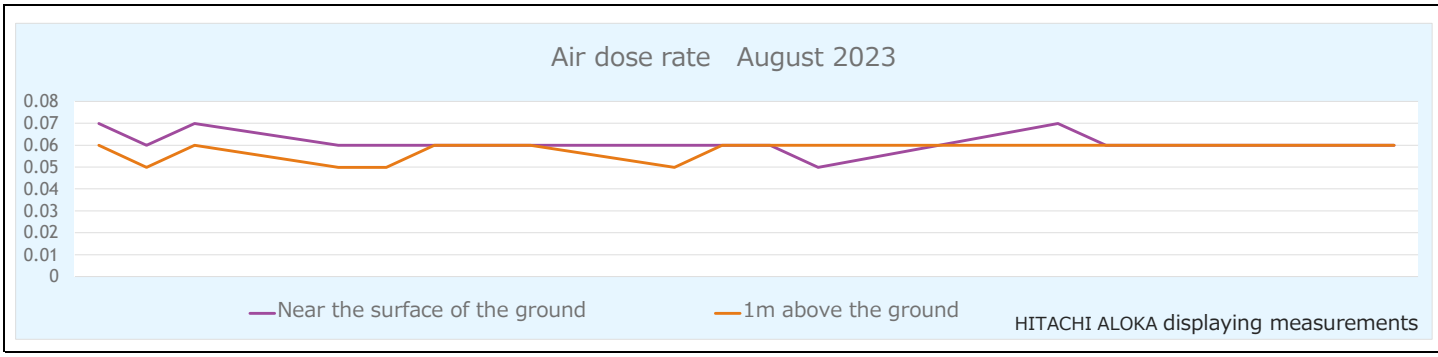
(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Japanese white radish	Hirono,Futaba, Fukushima	Jun-23	OR	Cs137	0.76 Bq/kg raw	± 0.06 Bq/kg raw	0.76	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Broccoli	Tamura, Koriyama, Fukushima	Jun-23	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	Bq/kg raw
Broccoli	Hirono,Futaba, Fukushima	Jun-23	CA	Cs137	3.7 Bq/kg raw	± 0.08 Bq/kg raw	3.78	Cs137	Bq/kg raw
				Cs134	0.08 Bq/kg raw	± 0.02 Bq/kg raw		Cs134	Bq/kg raw
common bean	Hirono,Futaba, Fukushima	Jun-23	CA	Cs137	0.14 Bq/kg raw	± 0.03 Bq/kg raw	0.14	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
watercress	Soma, Fukushima	Mar-23	CA	Cs137	4.7 Bq/kg raw	± 0.2 Bq/kg raw	4.7	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Cherry tomato	Furudono, Ishikawa, Fukushima	Jun-23	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.05 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Warabi(wild)	Aizumisato,Onuma, Fukushima	Jun-23	CA	Cs137	1.0 Bq/kg raw	± 0.08 Bq/kg raw	1.0	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Warabi(wild)	Tamura, Koriyama, Fukushima	Jun-23	OR	Cs137	1.0 Bq/kg raw	± 0.07 Bq/kg raw	1.0	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Japanese parsley(wild)	Miharu,Tamura, Fukushima	Jun-23	OR	Cs137	1.0 Bq/kg raw	± 0.1 Bq/kg raw	1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Butterbur(wild)	Konan,Koriyama, Fukushima	Jun-23	OR	Cs137	0.2 Bq/kg raw	± 0.05 Bq/kg raw	0.2	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Soybeans	Sukagawa, Fukushima	Jun-23	OR	Cs137	1.7 Bq/kg raw	± 0.3 Bq/kg raw	1.7	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Buckwheat	Tamura, Fukushima	Jun-23	OR	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.6 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Catfish	Kasumigaura/ Ibaraki Pref.	Jun-23	OR	Cs137	20 Bq/kg raw	± 0.3 Bq/kg raw	20.47	Cs137	Bq/kg raw
				Cs134	0.47 Bq/kg raw	± 0.07 Bq/kg raw		Cs134	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Kurihara,Miyagi	Jun-23	CA	Cs137	0.43 Bq/kg raw	± 0.06 Bq/kg raw	0.43	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Shitake mushroom grown in bacteria-bed	Tainai,Niigata	Jun-23	CA	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.11 Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	Bq/kg raw
Shitake mushroom log grown(dried)	Koriyama, Fukushima	Jun-23	CA	Cs137	56 Bq/kg raw	± 0.9 Bq/kg raw	56.4	Cs137	Bq/kg raw
				Cs134	0.4 Bq/kg raw	± 0.3 Bq/kg raw		Cs134	Bq/kg raw

Mothers' Radiation Lab Fukushima

Air dose rate　August 2023

Measuring Instrument		Measuring Place
CsI Scintillation survey meter	NaI Scintillation survey meter	Yokocho Park, Onahama, Iwaki, Fukushima
⑧HITACHI ALOKA TCS-1172	⑦HORIBA Radi PA-1100	
		
Feature:Measuring air (space) radiation dose and radioactive surface contamination of human body and other things.		



	Measuring instrument	HITACHI　ALOKA	HORIBA　Radi	HITACHI　ALOKA	HORIBA　Radi
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/8/1	☁	0.07	0.06	0.06	0.058
2023/8/2	☀	0.06	0.074	0.05	0.07
2023/8/3	☀	0.07	0.062	0.06	0.058
2023/8/4	☀	0.06	0.065	0.05	0.063
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/8/7	☀	0.06	0.059	0.05	0.059
2023/8/8	☀	0.06	0.055	0.06	0.054
2023/8/9	☀	0.06	0.064	0.06	0.062
2023/8/10	☀	0.06	0.059	0.06	0.058
2023/8/17	☀	0.06	0.059	0.05	0.054
2023/8/18	☀	0.06	0.066	0.06	0.059
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/8/21	☀	0.06	0.066	0.06	0.058
2023/8/22	☀	0.05	0.054	0.06	0.059
2023/8/24	☀	0.07	0.069	0.06	0.06
2023/8/25	☀	0.06	0.064	0.06	0.056
Measuring Date	Weather	Near the surface of the ground(μSv/h)		1m above the ground(μSv/h)	
2023/8/28	☀	0.06	0.055	0.06	0.056
2023/8/29	☀	0.06	0.06	0.06	0.056
2023/8/30	☀	0.06	0.067	0.06	0.066
2023/8/31	☀	0.06	0.068	0.06	0.064

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