



Radiation Measurement Results of 157 Items in October





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	
			Cs137	Cs134	±	—		Cs137	Cs134
Taro	Kunimi, Date, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	3.1
			Cs134	—	±	—		Cs134	2.9
Taro	Nakajima, Nishishirakawa, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.1
			Cs134	—	±	—		Cs134	1.9
Sweet potato	Otama, Adachi, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.1
			Cs134	—	±	—		Cs134	2.0
Sweet potato	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.5
			Cs134	—	±	—		Cs134	2.4
Sweet potato	Ibaraki Pref.	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.7
			Cs134	—	±	—		Cs134	2.5
Pumpkin	Namie, Futaba, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.5
			Cs134	—	±	—		Cs134	2.3
Pumpkin	Iitate, Soma, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.5
			Cs134	—	±	—		Cs134	2.3
Pumpkin	Kunimi, Date, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.1
			Cs134	—	±	—		Cs134	1.9
Spaghetti squash	Otama, Adachi, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.3
			Cs134	—	±	—		Cs134	2.2
Japanese white radish	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.7
			Cs134	—	±	—		Cs134	2.5
Japanese red radish	Konan, Koriyama, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.9
			Cs134	—	±	—		Cs134	1.5
Turnip	Iwaki City	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.7
			Cs134	—	±	—		Cs134	1.4
Cabbage	Tamura, Koriyama, Fukushima	Sep-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	3.2
			Cs134	—	±	—		Cs134	2.9
Lettuce	Yabuki, Nishishirakawa, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	1.9
			Cs134	—	±	—		Cs134	1.5
Lettuce	Shimoiizaka, Fukushima, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.1
			Cs134	—	±	—		Cs134	1.7
Spinach	Shimoiizaka, Fukushima, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.4
			Cs134	—	±	—		Cs134	2.0
Cauliflower	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	±	—	Under Minimum Limit of Detection	Cs137	2.2
			Cs134	—	±	—		Cs134	2.1

※"—" 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.

★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			
			Cs137	Cs134	±	—		Cs137	Cs134		
Eggplant	Fukushima, Fukushima Pref.	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.5	Bq/kg raw
Green pepper	Tsukidate, Date, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.1	Bq/kg raw
Paprika	Nishida, Koriyama, Fukushima	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	3.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.9	Bq/kg raw
Green chili	Yamagata Pref.	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.7	Bq/kg raw
Bitter gourd	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.0	Bq/kg raw
Chayote	Hobara, Date, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.0	Bq/kg raw
Asparagus	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.5	Bq/kg raw
Malabar spinach	Izumisaki, Nishishirakawa, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.1	Bq/kg raw
Autumn poem	Fukushima, Fukushima Pref.	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.0	Bq/kg raw
Okra	Aizuwakamatsu, Fukushima	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.2	Bq/kg raw
Green onion	Kagamiishi, Iwase, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.3	Bq/kg raw
Qing-geng-cai	Ryouzen, Date, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.2	Bq/kg raw
Gynura bicolor	Kagamiishi, Iwase, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.6	Bq/kg raw
Burdock	Tamura, Koriyama, Fukushima	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.2	Bq/kg raw
Wasabi (hydroponics)	Fukushima, Fukushima Pref.	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.9	Bq/kg raw
Ginger	Nishida, Koriyama, Fukushima	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.7	Bq/kg raw
Myoga	Aizuwakamatsu, Fukushima	Sep-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.2	Bq/kg raw
Soybeans	Kori, Date, Fukushima.	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	1.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.0	Bq/kg raw
Apple	Date, Date, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	3.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.9	Bq/kg raw
Apple	Kitashiobara, Yama, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	3.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	3.0	Bq/kg raw
Japanese pear	Fukushima, Fukushima Pref.	Oct-22	Cs137	3.1	Bq/kg raw	±	1.5	3.1	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.2	Bq/kg raw
Persimmon	Enafujigaoka, Iwaki	Oct-22	Cs137	4.7	Bq/kg raw	±	1.4	4.7	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	1.5	Bq/kg raw
Persimmon	Yanagawa, Date, Fukushima	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.4	Bq/kg raw
Persimmon	Fukushima, Fukushima Pref.	Oct-22	Cs137	—	Bq/kg raw	±	—	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±	—		Cs134	2.1	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.



★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	
Pear	Fukushima, Fukushima Pref.	Oct-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	
Kiwi fruit	Fukushima, Fukushima Pref.	Oct-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	
Muscat	Yanagawa, Date, Fukushima	Oct-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	
Sarunashi	Kitashiobara, Yama, Fukushima	Oct-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	1.2 Bq/kg raw	
Shitake mushroom log grown (Lentinula edodes)	Ono, Tamura, Fukushima	Oct-22	Cs137	17.4 Bq/kg raw	± 2.4 Bq/kg raw	17.4	Cs137	1.5 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.3 Bq/kg raw	
Shitake mushroom log grown (Lentinula edodes)	Nakata, Koriyama, Fukushima	Sep-22	Cs137	7.0 Bq/kg raw	± 2.4 Bq/kg raw	7.0	Cs137	3.3 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	3.1 Bq/kg raw	
Shitake mushroom grown in bacteria-bed (Lentinula edodes)	Nakajima, Nishishirakawa, Fukushima	Oct-22	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.2 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	1.0 Bq/kg raw	
Shitake mushroom grown in bacteria-bed (Lentinula edodes)	Asakawa, Ishikawa, Fukushima	Oct-22	Cs137	— Bq/kg raw	± — Bq/kg raw	Under Minimum Limit of Detection	Cs137	5.1 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	4.8 Bq/kg raw	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	666.0 Bq/kg dry	± 69.2 Bq/kg dry	689.7	Cs137	2.6 Bq/kg dry	
			Cs134	23.7 Bq/kg dry	± 2.9 Bq/kg dry		Cs134	2.9 Bq/kg dry	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	529.0 Bq/kg dry	± 55.3 Bq/kg dry	545.3	Cs137	3.0 Bq/kg dry	
			Cs134	16.3 Bq/kg dry	± 2.5 Bq/kg dry		Cs134	3.6 Bq/kg dry	
Soil(in the park) under the slide	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	160.0 Bq/kg dry	± 16.6 Bq/kg dry	160.0	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil(in the park) under the bench	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	150.0 Bq/kg dry	± 15.6 Bq/kg dry	154.2	Cs137	0.8 Bq/kg dry	
			Cs134	4.2 Bq/kg dry	± 0.6 Bq/kg dry		Cs134	1.1 Bq/kg dry	
Soil(in the park) Sandbox	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	116.0 Bq/kg dry	± 12.5 Bq/kg dry	118.6	Cs137	1.6 Bq/kg dry	
			Cs134	2.6 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	92.7 Bq/kg dry	± 10.2 Bq/kg dry	92.7	Cs137	2.4 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	40.2 Bq/kg dry	± 4.7 Bq/kg dry	40.2	Cs137	2.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	13.1 Bq/kg dry	± 1.7 Bq/kg dry	13.1	Cs137	1.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.9 Bq/kg dry	
Soil (in the park)	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil(in the park) under the swing	Kanesaka Park Uchigotakasaka, Iwaki	Oct-22	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	1.3 Bq/kg dry	
Soil(in the park) drinking fountains	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	1500.0 Bq/kg dry	± 153.0 Bq/kg dry	1535.0	Cs137	2.1 Bq/kg dry	
			Cs134	35.0 Bq/kg dry	± 4.0 Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil (in the park)	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	747.0 Bq/kg dry	± 75.8 Bq/kg dry	764.1	Cs137	1.5 Bq/kg dry	
			Cs134	17.1 Bq/kg dry	± 2.2 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil (in the park)	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	506.0 Bq/kg dry	± 52.4 Bq/kg dry	521.9	Cs137	2.3 Bq/kg dry	
			Cs134	15.9 Bq/kg dry	± 2.2 Bq/kg dry		Cs134	2.6 Bq/kg dry	
Soil (in the park)	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	493.0 Bq/kg dry	± 50.2 Bq/kg dry	506.5	Cs137	1.2 Bq/kg dry	
			Cs134	13.5 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	402.0 Bq/kg dry	± 41.2 Bq/kg dry	414.6	Cs137	1.4 Bq/kg dry	
			Cs134	12.6 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil(in the park) under the slide	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	287.0 Bq/kg dry	± 30.0 Bq/kg dry	294.6	Cs137	1.8 Bq/kg dry	
			Cs134	7.6 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	2.1 Bq/kg dry	

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



★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) Sandbox	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	148.0	Bq/kg dry	± 15.4	153.1	Cs137	0.9	Bq/kg dry
			Cs134	5.1	Bq/kg dry	± 0.8		Cs134	1.2	Bq/kg dry
Soil (in the park)	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	144.0	Bq/kg dry	± 15.1	148.8	Cs137	1.2	Bq/kg dry
			Cs134	4.8	Bq/kg dry	± 0.8		Cs134	1.4	Bq/kg dry
Soil(in the park) under the swing	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	79.4	Bq/kg dry	± 8.8	79.4	Cs137	2.4	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.1	Bq/kg dry
Soil(in the park) under the bench	Takasakakita Park Uchigotakasaka, Iwaki	Oct-22	Cs137	62.1	Bq/kg dry	± 7.0	62.1	Cs137	2.3	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.1	Bq/kg dry
Soil(in the park) under the fluffy dome	21Seikinomori Park Wapakuhiroba A Jobanyumoto, Iwaki	Sep-22	Cs137	222.0	Bq/kg dry	± 23.6	228.1	Cs137	2.0	Bq/kg dry
			Cs134	6.1	Bq/kg dry	± 1.2		Cs134	2.6	Bq/kg dry
Soil(in the park) next to the toilet	21Seikinomori Park Wapakuhiroba A Jobanyumoto, Iwaki	Sep-22	Cs137	44.7	Bq/kg dry	± 5.2	44.7	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.0	Bq/kg dry
Soil(in the park) under the playground equipment	21Seikinomori Park Wapakuhiroba A Jobanyumoto, Iwaki	Sep-22	Cs137	35.6	Bq/kg dry	± 4.0	35.6	Cs137	1.3	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.2	Bq/kg dry
Soil(in the park) next to the vending machine	21Seikinomori Park Wapakuhiroba A Jobanyumoto, Iwaki	Sep-22	Cs137	29.6	Bq/kg dry	± 3.9	29.6	Cs137	1.7	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.0	Bq/kg dry
Soil(in the park) under the roller slide	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	1000.0	Bq/kg dry	± 102.0	1023.7	Cs137	1.4	Bq/kg dry
			Cs134	23.7	Bq/kg dry	± 2.8		Cs134	1.5	Bq/kg dry
Soil(in the park) under the bench	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	353.0	Bq/kg dry	± 36.9	361.6	Cs137	2.1	Bq/kg dry
			Cs134	8.6	Bq/kg dry	± 1.4		Cs134	2.7	Bq/kg dry
Soil(in the park) under the roller slide	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	239.0	Bq/kg dry	± 25.6	245.8	Cs137	2.6	Bq/kg dry
			Cs134	6.8	Bq/kg dry	± 1.4		Cs134	3.6	Bq/kg dry
Soil (in the park)	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	30.7	Bq/kg dry	± 3.4	30.7	Cs137	1.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.1	Bq/kg dry
Soil(in the park) under the roller slide	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	10.1	Bq/kg dry	± 1.4	10.1	Cs137	1.6	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.0	Bq/kg dry
Soil(in the park) under the Suspension pull-up bars	21Seikinomori Park Wapakuhiroba C Jobanyumoto, Iwaki	Sep-22	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.8	Bq/kg dry
Soil (in the park)	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	693.0	Bq/kg dry	± 70.4	711.1	Cs137	1.5	Bq/kg dry
			Cs134	18.1	Bq/kg dry	± 2.2		Cs134	1.7	Bq/kg dry
Soil(in the park) under the net playground equipment	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	355.0	Bq/kg dry	± 36.4	365.3	Cs137	1.5	Bq/kg dry
			Cs134	10.3	Bq/kg dry	± 1.4		Cs134	1.8	Bq/kg dry
Soil (in the park)	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	298.0	Bq/kg dry	± 30.7	306.0	Cs137	1.2	Bq/kg dry
			Cs134	8.0	Bq/kg dry	± 1.1		Cs134	1.5	Bq/kg dry
Soil(in the park) under the net playground equipment	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	128.0	Bq/kg dry	± 13.4	132.1	Cs137	1.0	Bq/kg dry
			Cs134	4.1	Bq/kg dry	± 0.7		Cs134	1.3	Bq/kg dry
Soil(in the park) under the large playset	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	4.2	Bq/kg dry	± 0.8	4.2	Cs137	1.9	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.3	Bq/kg dry
Soil(in the park) under the large playset	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	1.4	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.4	Bq/kg dry
Soil(in the park) under the large playset	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	0.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.1	Bq/kg dry
Soil(in the park) under the large playset	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.2	Bq/kg dry
Soil(in the park) under the large playset	21Seikinomori Park Wapakuhiroba D Jobanyumoto, Iwaki	Sep-22	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.4	Bq/kg dry
Soil (in the park)	21Seikinomori Park Wapakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	485.0	Bq/kg dry	± 49.9	495.5	Cs137	1.8	Bq/kg dry
			Cs134	10.5	Bq/kg dry	± 1.5		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.



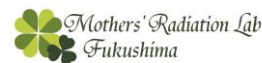
★Gamma-ray

(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)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	418.0 Bq/kg dry	± 42.8 Bq/kg dry	430.6	Cs137	1.2 Bq/kg dry	
			Cs134	12.6 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	374.0 Bq/kg dry	± 39.0 Bq/kg dry	380.5	Cs137	2.5 Bq/kg dry	
			Cs134	6.5 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	3.0 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	286.0 Bq/kg dry	± 29.6 Bq/kg dry	294.2	Cs137	1.5 Bq/kg dry	
			Cs134	8.2 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.8 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	283.0 Bq/kg dry	± 29.6 Bq/kg dry	287.8	Cs137	2.2 Bq/kg dry	
			Cs134	4.8 Bq/kg dry	± 1.3 Bq/kg dry		Cs134	2.7 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	218.0 Bq/kg dry	± 22.4 Bq/kg dry	224.1	Cs137	1.0 Bq/kg dry	
			Cs134	6.1 Bq/kg dry	± 0.9 Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	74.9 Bq/kg dry	± 8.4 Bq/kg dry	74.9	Cs137	2.6 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry	
Soil (in the park)	21Seikinomori Park Wanpakuhiroba lawn Jobanyumoto, Iwaki	Sep-22	Cs137	— Bq/kg dry	± — Bq/kg dry	Under Minimum Limit of Detection	Cs137	2.2 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	1820.0 Bq/kg dry	± 184.0 Bq/kg dry	1875.9	Cs137	2.0 Bq/kg dry	
			Cs134	55.9 Bq/kg dry	± 6.0 Bq/kg dry		Cs134	1.9 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	1470.0 Bq/kg dry	± 149.0 Bq/kg dry	1502.5	Cs137	2.2 Bq/kg dry	
			Cs134	32.5 Bq/kg dry	± 3.8 Bq/kg dry		Cs134	2.3 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	1330.0 Bq/kg dry	± 135.0 Bq/kg dry	1359.2	Cs137	2.0 Bq/kg dry	
			Cs134	29.2 Bq/kg dry	± 3.4 Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	455.0 Bq/kg dry	± 46.5 Bq/kg dry	469.2	Cs137	1.3 Bq/kg dry	
			Cs134	14.2 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	450.0 Bq/kg dry	± 46.3 Bq/kg dry	462.2	Cs137	1.8 Bq/kg dry	
			Cs134	12.2 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	2.2 Bq/kg dry	
Soil(in the park) under the swing	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	340.0 Bq/kg dry	± 35.8 Bq/kg dry	350.7	Cs137	2.4 Bq/kg dry	
			Cs134	10.7 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	2.8 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	324.0 Bq/kg dry	± 33.2 Bq/kg dry	332.2	Cs137	1.3 Bq/kg dry	
			Cs134	8.2 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil(in the park) under the slide	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	223.0 Bq/kg dry	± 22.9 Bq/kg dry	228.4	Cs137	1.0 Bq/kg dry	
			Cs134	5.4 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.2 Bq/kg dry	
Soil (in the park)	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	87.4 Bq/kg dry	± 9.7 Bq/kg dry	87.4	Cs137	2.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.5 Bq/kg dry	
Soil(in the park) under the playground equipment	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	72.3 Bq/kg dry	± 8.0 Bq/kg dry	72.3	Cs137	2.1 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.0 Bq/kg dry	
Soil(in the park) under the tree	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	30.4 Bq/kg dry	± 3.6 Bq/kg dry	30.4	Cs137	1.9 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.3 Bq/kg dry	
Soil(in the park) under the basketball goal	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	25.1 Bq/kg dry	± 3.0 Bq/kg dry	25.1	Cs137	1.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil(in the park) Sandbox	Tenjoda Park Uchigomimaya, Iwaki	Oct-22	Cs137	19.4 Bq/kg dry	± 2.4 Bq/kg dry	19.4	Cs137	1.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry	
Acorn (unwashed)	Uchigotakasaka, Iwaki	Oct-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	1.2 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.



★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 rice①	Kubota, Nakoso, Iwaki	Oct-21	OR	Cs137	0.44 Bq/kg raw	± 0.04	Bq/kg raw	0.44	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Brown rice②	Kubota, Nakoso, Iwaki	Oct-21	OR	Cs137	0.41 Bq/kg raw	± 0.04	Bq/kg raw	0.41	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Brown rice③	Kubota, Nakoso, Iwaki	Oct-21	OR	Cs137	0.51 Bq/kg raw	± 0.04	Bq/kg raw	0.51	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.09 Bq/kg raw
Brown rice④	Kubota, Nakoso, Iwaki	Oct-21	OR	Cs137	0.44 Bq/kg raw	± 0.04	Bq/kg raw	0.44	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Brown rice①	Kubota, Nakoso, Iwaki	Oct-22	OR	Cs137	0.3 Bq/kg raw	± 0.04	Bq/kg raw	0.3	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.07 Bq/kg raw
Brown rice②	Kubota, Nakoso, Iwaki	Oct-22	OR	Cs137	0.4 Bq/kg raw	± 0.03	Bq/kg raw	0.4	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.06 Bq/kg raw
Brown rice③	Kubota, Nakoso, Iwaki	Oct-22	OR	Cs137	1.0 Bq/kg raw	± 0.04	Bq/kg raw	1.0	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.06 Bq/kg raw
Brown rice④	Kubota, Nakoso, Iwaki	Oct-22	OR	Cs137	0.3 Bq/kg raw	± 0.03	Bq/kg raw	0.3	Cs137	0.06 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.06 Bq/kg raw
Rice	Tomitsu, Iwaki	Oct-22	CA	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.22 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.2 Bq/kg raw
Rice	Aizu, Minamiaizu, Fukushima	Oct-22	CA	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.07 Bq/kg raw
Rice	Otama, Adachi, Fukushima	Oct-21	OR	Cs137	0.4 Bq/kg raw	± 0.03	Bq/kg raw	0.4	Cs137	0.05 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.08 Bq/kg raw
Rice	Hitachi, Ibaraki	Oct-21	OR	Cs137	0.11 Bq/kg raw	± 0.04	Bq/kg raw	0.11	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.1 Bq/kg raw
Rice	Niigata Pref.	Oct-22	OR	Cs137	— Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.03 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.03 Bq/kg raw
Myoga	Miharu, Tamura, Fukushima	Oct-22	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
Flour (with chaff)	Fushiguro, Date, Fukushima	Jul-22	OR	Cs137	0.3 Bq/kg raw	± 0.04	Bq/kg raw	0.3	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.09 Bq/kg raw
Blueberry	Otama, Adachi, Fukushima	Jul-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
Prune	Atami, Koriyama, Fukushima	Sep-22	OR	Cs137	0.6 Bq/kg raw	± 0.04	Bq/kg raw	0.6	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.08 Bq/kg raw
Shingled hedgehog mushroom (Sarcodon aspratus)	Saiso, Iwaki	Oct-22	OR	Cs137	178.9 Bq/kg raw	± 0.6	Bq/kg raw	183.2	Cs137	0.1 Bq/kg raw
				Cs134	4.3 Bq/kg raw	± 0.1	Bq/kg raw		Cs134	0.1 Bq/kg raw
Maitake mushroom (Grifola frondosa)	Naganohara, Agatsuma, Gunma	Oct-22	CA	Cs137	1.4 Bq/kg raw	± 0.04	Bq/kg raw	1.4	Cs137	0.07 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.07 Bq/kg raw
Wood ear powder	Fukushima Pref.	Sep-22	OR	Cs137	1.0 Bq/kg raw	± 0.2	Bq/kg raw	1.0	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	± —	Bq/kg raw		Cs134	0.3 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.

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Honey	Fushiguro, Date, Fukushima	Oct-22	CA	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	0.2 Bq/kg raw	
Driednoodles	Miwa, Iwaki	Oct-22	CA	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	0.5 Bq/kg raw	
Nibe croaker	Ukedo Port/ Fukushima Pref.	Sep-22	CA	Cs137	0.5 Bq/kg raw	± 0.07 Bq/kg raw	0.5	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
sea robin	Ukedo Port/ Fukushima Pref.	Sep-22	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	Tomioka Port/ Fukushima Pref.	Sep-22	CA	Cs137	0.4 Bq/kg raw	± 0.1 Bq/kg raw	0.4	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Brown hakeling	Haragama Port/ Fukushima Pref.	Sep-22	OR	Cs137	0.2 Bq/kg raw	± 0.08 Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Littlemouth flounder	Haragama Port/ Fukushima Pref.	Sep-22	OR	Cs137	0.2 Bq/kg raw	± 0.1 Bq/kg raw	0.2	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw	
Bigeyed greeneye	Haragama Port/ Fukushima Pref.	Sep-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	
Mirror dory	Haragama Port/ Fukushima Pref.	Sep-22	CA	Cs137	0.2 Bq/kg raw	± 0.09 Bq/kg raw	0.2	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.1 Bq/kg raw	
Hyperoglyphe japonica	Haragama Port/ Fukushima Pref.	Sep-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	
Whelk	Haragama Port/ Fukushima Pref.	Sep-22	CA	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	0.1 Bq/kg raw	
Surf clam	Fukushima Pref.	Sep-22	CA	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 bass	Fujiwara River/ Iwaki	Sep-22	OR	Cs137	2.1 Bq/kg raw	± 0.1 Bq/kg raw	2.1	Cs137	0.1 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw	
Black bass	Fujiwara River/ Iwaki	Sep-22	CA	Cs137	1.4 Bq/kg raw	± 0.1 Bq/kg raw	1.4	Cs137	0.2 Bq/kg raw	
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.2 Bq/kg raw	
Suspended solid in sea water (surface)	Tomioka Port/ Fukushima Pref.	Aug-22	CA	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	
Soil(in the park) under the bench	Tenjota Park Uchigomimaya, Iwaki	Oct-22	OR	Cs137	520.4 Bq/kg dry	± 8.6 Bq/kg dry	531.5	Cs137	2.9 Bq/kg dry	
				Cs134	11.1 Bq/kg dry	± 1.9 Bq/kg dry		Cs134	3.2 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.

★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 Half-life 12.3 years Free-water 3H Half-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	
			Value	Unit	Value	Unit	Value	Unit
Sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point B	Apr-22	T (free)	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.11 Bq/L
Sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point C	Apr-22	T (free)	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.11 Bq/L
Sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point D	Apr-22	T (free)	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.11 Bq/L
Tap water	Yotsukura, Iwaki	Apr-22	T (free)	0.30	Bq/L	± 0.12	Bq/L	0.11 Bq/L
Tap water	Negishi, Tono, Iwaki	Apr-22	T (free)	0.39	Bq/L	± 0.12	Bq/L	0.11 Bq/L
Fox jacopever	Off the coast of Fukushima Nuclear Power Plant1	May-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	0.12 Bq/kg dry
Loach	Lake Inawashiro/ Fukushima Pref.	Oct-20	Sr90	0.42	Bq/kg dry	± 0.09	Bq/kg dry	0.14 Bq/kg dry
Sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point B	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0006 Bq/L
Sea water (lower)	Off the coast of Fukushima Nuclear Power Plant1 Point B	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0008 Bq/L
Sea water (surface)	Off the coast of Fukushima Nuclear Power Plant1 Point C	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0007 Bq/L
Sea water (lower)	Off the coast of Fukushima Nuclear Power Plant1 Point C	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0005 Bq/L
Soil	Okuma, Futaba, Fukuhsima	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	1.65 Bq/kg dry
Soil	Okuma, Futaba, Fukuhsima	Aug-22	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	2.32 Bq/kg dry
Soil	Miyakoji, Tamura, Fukushima	Mar-21	Sr90	6.16	Bq/kg dry	± 1.09	Bq/kg dry	1.59 Bq/kg dry
Soil	Izumigaokadai2 Park Izumigaoka, Iwaki	Mar-21	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	1.18 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.

Measurement results of 16 items by germanium semiconductor detector

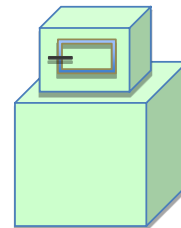
Dr.Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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%

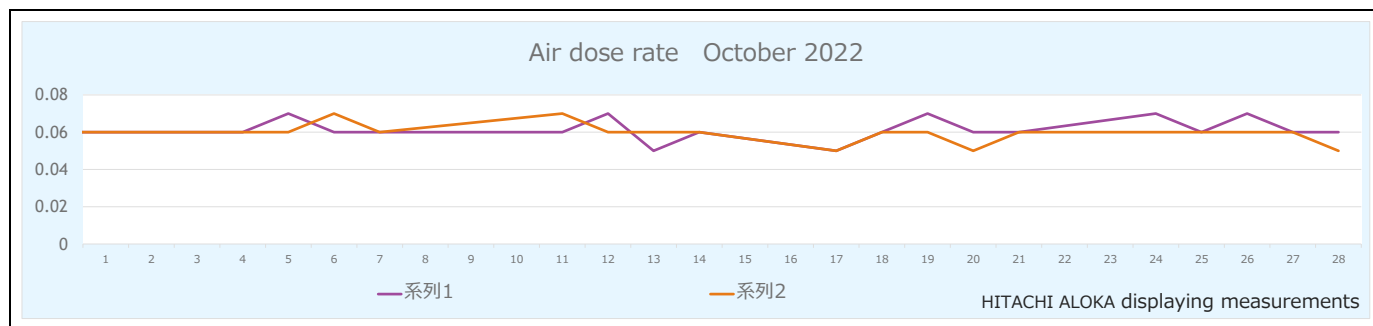


















(Bq/kg raw:Weight of raw sample Bq/kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measuring instrument type	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Brown rice	Hatoyama, Hiki, Saitama	Oct-21	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
Glutinous rice	Sakura, Tochigi	Oct-21	CA	Cs137	0.78 Bq/kg raw	±	0.05 Bq/kg raw	0.78	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Potato	Date, Date, Fukushima	Jul-22	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
Onion	Aizuwakamatsu, Fukushima	Jul-22	OR	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.09 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Carrot	Nishida, Koriyama, Fukushima	Jul-22	CA	Cs137	0.25 Bq/kg raw	±	0.04 Bq/kg raw	0.25	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Cucumber	Kikuta, Koriyama, Fukushima	Jul-22	CA	Cs137	0.69 Bq/kg raw	±	0.06 Bq/kg raw	0.69	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Okra	Nihonmatsu, Fukushima	Jul-22	OR	Cs137	0.11 Bq/kg raw	±	0.04 Bq/kg raw	0.11	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Green chili	Tamura, Koriyama, Fukushima	Jul-22	CA	Cs137	0.1 Bq/kg raw	±	0.05 Bq/kg raw	0.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Corn	Watari, Watari, Miyagi	Jul-22	OR	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.08 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Tomato	Ryouzen, Date, Fukushima	Jul-22	CA	Cs137	0.15 Bq/kg raw	±	0.03 Bq/kg raw	0.15	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Plum	Nihonmatsu, Fukushima	Jun-22	OR	Cs137	0.86 Bq/kg raw	±	0.05 Bq/kg raw	0.86	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Water melon	Kori, Date, Fukushima.	Jul-22	CA	Cs137	0.12 Bq/kg raw	±	0.02 Bq/kg raw	0.12	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Wood ear mushroom (Auricularia auricula-judae)	Soma, Fukushima	Jul-22	CA	Cs137	1.8 Bq/kg raw	±	0.07 Bq/kg raw	1.8	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Shitake mushroom grown in bacteria-bed (Lentinula edodes)	Kurihara, Miyagi	Jul-22	CA	Cs137	0.6 Bq/kg raw	±	0.06 Bq/kg raw	0.6	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw
Oyster mushroom (Pleurotus ostreatus)	Iwaki City	Jul-22	CA	Cs137	1.1 Bq/kg raw	±	0.07 Bq/kg raw	1.1	Cs137	Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	Bq/kg raw

Air dose rate October 2022

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



Measuring Date	Weather	HITACHI ALOKA Near the surface of the ground(μSv/h)	HORIBA Radi Near the surface of the ground(μSv/h)	HITACHI ALOKA 1m above the ground(μSv/h)	HORIBA Radi 1m above the ground(μSv/h)
2022/10/3		0.06	0.067	0.06	0.065
2022/10/4		0.06	0.057	0.06	0.066
2022/10/5		0.07	0.071	0.06	0.071
2022/10/6		0.06	0.081	0.07	0.07
2022/10/7		0.06	0.073	0.06	0.074
2022/10/11		0.06	0.081	0.07	0.066
2022/10/12		0.07	0.06	0.06	0.066
2022/10/13		0.05	0.068	0.06	0.055
2022/10/14		0.06	0.067	0.06	0.063
2022/10/17		0.05	0.056	0.05	0.059
2022/10/18		0.06	0.065	0.06	0.068
2022/10/19		0.07	0.057	0.06	0.068
2022/10/20		0.06	0.064	0.05	0.063
2022/10/21		0.06	0.075	0.06	0.072
2022/10/24		0.07	0.06	0.06	0.069
2022/10/25		0.06	0.071	0.06	0.073
2022/10/26		0.07	0.063	0.06	0.056
2022/10/27		0.06	0.066	0.06	0.063
2022/10/28		0.06	0.069	0.05	0.059
2022/10/31		0.06	0.062	0.06	0.062

※On 10/5, 10/7, 10/11, 10/12, 10/21, 10/24, 10/27 exclusively,
HITACHI ALOKA PDR-111 was used instead of HORIBA Radi PA-1100