



Radiation Measurement Results of 185 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
Germanium Semiconductor detector			
ORTEC GEM30-70 		· Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." · Relative efficiency 35%	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: 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
Potato	Iwaki city	Aug-21	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	China (production)	Aug-21	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
Eggplant	Iitate, Soma, Fukushima	Aug-21	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
Eggplant	Tsukidate, Date, Fukushima	Jul-21	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
Eggplant	Funehiki, Tamura, Fukushima	Aug-21	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	2.1 Bq/kg raw
Eggplant	Kashima, Minamisoma, Fukushima	Aug-21	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
Eggplant	Iwaki city	Aug-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	1.5 Bq/kg raw
Eggplant	Iwaki city	Aug-21	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	3.1 Bq/kg raw
Burdock	Iwaki city	Aug-21	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	1.7 Bq/kg raw
Pumpkin	Naraha, Futaba, Fukushima	Jul-21	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
Pumpkin	Kawamata, Date, Fukushima	Aug-21	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
Pumpkin	Iwaki city	Aug-21	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
Pumpkin	Nishiki, Iwaki	Jul-21	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
Spaghetti squash	Namie, Futaba, Fukushima	Aug-21	Cs137	4.0 Bq/kg raw	± 1.5 Bq/kg raw	4.0	Cs137	2.2 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.

★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			
Spaghetti squash	Iwaki city	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Pumpkin (seed, cotton)	Onahamakamikaziro, Iwaki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.9	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.5
Colinkey	Iitate, Soma, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Cucumber	Nishishita, Koriyama, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.2
Cucumber	Iwaki city	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Cucumber	Onahamakamikaziro, Iwaki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Cucumber	Tabito, Iwaki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Zucchini	Watari, Watari, Miyagi	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.1
Okra	Iwaki city	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.1	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.6
Green pepper	Fukushima Pref.	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.8
Green pepper	Iitate, Soma, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.3
Green pepper	Soma, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.3	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Green pepper	Hirono, Futaba, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.5
Green pepper	Funehiki, Tamura, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.4
Green pepper	Hokota, Ibaraki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	3.4	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	3.2
Green pepper	Kawamata, Date, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	4.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	3.4
Green pepper	Tabito, Iwaki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	4.6	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	3.7
Jumbo Green pepper	Tabito, Iwaki	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.6
Bitter gourd	Fukushima, Fukushima Pref.	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.0
Bitter gourd	Iitate, Soma, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.8	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.4
Bitter gourd	Hirono, Futaba, Fukushima	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.5	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.2
Bitter gourd	Iwaki city	Jul-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.0	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.6
Wax gourd	Iwaki city	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	2.2	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	2.1
Oriental melon	Kozaki, Katori, Chiba	Aug-21	Cs137	—	Bq/kg raw	±	Under Minimum Limit of Detection	Cs137	1.7	Bq/kg raw
			Cs134	—	Bq/kg raw	±		Bq/kg raw	Cs134	1.3

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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	
Oriental pickling melon	Kozaki, Katori, Chiba	Aug-21	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
Oriental melon	Iwaki city	Aug-21	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
Garland chrysanthemum	Iwaki city	Aug-21	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
Water spinach	Hirono, Futaba, Fukushima	Aug-21	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	1.9 Bq/kg raw
Asparagus	Fukushima Pref.	Jul-21	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
Green soybeans	Iwaki city	Jul-21	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	1.9 Bq/kg raw
Corn	Iwaki city	Aug-21	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
Corn	Ibaraki Pref.	Jul-21	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
Tomato	Iitate, Soma, Fukushima	Aug-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
Cherry tomato	Soma, Fukushima	Aug-21	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
New ginger	Kochi Pref.	Aug-21	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
Peach	Tamura, Koriyama, Fukushima	Aug-21	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
Pear	Tairahirakubo, Iwaki	Aug-21	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
Water melon	Namie, Futaba, Fukushima	Aug-21	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
Water melon	Iwaki city	Aug-21	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
Shitake mushroom grown in bacteria-bed (institution)	Fukushima, Fukushima Pref.	Aug-21	Cs137	3.4 Bq/kg raw	±	1.3 Bq/kg raw	3.4	Cs137	1.6 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	1.2 Bq/kg raw
Horse mackerel (flesh)	OnahamaPort, Iwaki	Aug-21	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
Horse mackerel (bone · rib)	OnahamaPort, Iwaki	Aug-21	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	4.1 Bq/kg raw
			Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	3.4 Bq/kg raw
Chicken ham	Kawamata, Date, Fukushima	Jul-21	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
Pure soy milk	Kyusyu (production)	Aug-21	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
Soy pulp	Iwaki city	Aug-21	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
Coffee beans	Brazil (production)	Jul-21	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
Pressed barley	Japan (production)	Jul-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
Dried buckwheat	Kawauchi, Futaba, Fukushima	Jul-21	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

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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	
Chinese noodle	Japan (production)	Jul-21	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	
Okonomiyaki powder	Japan (production)	Jul-21	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	
Pickles powder	Japan (production)	Jul-21	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	1.8 Bq/kg raw	
Popcorn base	America (production)	Jul-21	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	
Mandarin orange (canned)	China (production)	Jul-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	
Soil (field)	Kamimisaka, Miwa, Fukushima	Aug-21	Cs137	157.0 Bq/kg dry	± 16.4 Bq/kg dry	163.9	Cs137	1.0 Bq/kg dry	
			Cs134	6.9 Bq/kg dry	± 1.0 Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	1110.0 Bq/kg dry	± 113.0 Bq/kg dry	1151.5	Cs137	2.0 Bq/kg dry	
			Cs134	41.5 Bq/kg dry	± 4.7 Bq/kg dry		Cs134	2.1 Bq/kg dry	
Soil (in the park)	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	420.0 Bq/kg dry	± 43.8 Bq/kg dry	420.0	Cs137	2.7 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.2 Bq/kg dry	
Soil(in the park) under the Horizontal bar	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	408.0 Bq/kg dry	± 41.7 Bq/kg dry	424.0	Cs137	1.4 Bq/kg dry	
			Cs134	16.0 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil (in the park)	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	303.0 Bq/kg dry	± 31.1 Bq/kg dry	314.0	Cs137	1.5 Bq/kg dry	
			Cs134	11.0 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	1.8 Bq/kg dry	
Soil (in the park)	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	292.0 Bq/kg dry	± 30.2 Bq/kg dry	305.2	Cs137	1.4 Bq/kg dry	
			Cs134	13.2 Bq/kg dry	± 1.7 Bq/kg dry		Cs134	1.6 Bq/kg dry	
Soil(in the park) under the swing	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	219.0 Bq/kg dry	± 23.1 Bq/kg dry	227.9	Cs137	2.0 Bq/kg dry	
			Cs134	8.9 Bq/kg dry	± 1.5 Bq/kg dry		Cs134	2.5 Bq/kg dry	
Soil (in the park)	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	107.0 Bq/kg dry	± 11.4 Bq/kg dry	111.6	Cs137	1.3 Bq/kg dry	
			Cs134	4.6 Bq/kg dry	± 0.8 Bq/kg dry		Cs134	1.7 Bq/kg dry	
Soil(in the park) under the slide	Sakurai Daiichi Park Uchigotakasaka, Iwaki	Jul-21	Cs137	96.7 Bq/kg dry	± 10.2 Bq/kg dry	99.4	Cs137	1.1 Bq/kg dry	
			Cs134	2.7 Bq/kg dry	± 0.6 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	626.0 Bq/kg dry	± 63.7 Bq/kg dry	649.5	Cs137	1.2 Bq/kg dry	
			Cs134	23.5 Bq/kg dry	± 2.7 Bq/kg dry		Cs134	1.3 Bq/kg dry	
Soil (in the park)	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	491.0 Bq/kg dry	± 50.1 Bq/kg dry	510.0	Cs137	1.3 Bq/kg dry	
			Cs134	19.0 Bq/kg dry	± 2.2 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	371.0 Bq/kg dry	± 38.9 Bq/kg dry	383.6	Cs137	2.5 Bq/kg dry	
			Cs134	12.6 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	3.0 Bq/kg dry	
Soil (in the park)	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	300.0 Bq/kg dry	± 31.6 Bq/kg dry	310.9	Cs137	2.3 Bq/kg dry	
			Cs134	10.9 Bq/kg dry	± 1.8 Bq/kg dry		Cs134	2.9 Bq/kg dry	
Soil (in the park) Behind the warehouse	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	291.0 Bq/kg dry	± 2.9 Bq/kg dry	303.5	Cs137	1.3 Bq/kg dry	
			Cs134	12.5 Bq/kg dry	± 1.6 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil (in the park)	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	152.0 Bq/kg dry	± 15.9 Bq/kg dry	160.3	Cs137	1.1 Bq/kg dry	
			Cs134	8.3 Bq/kg dry	± 1.2 Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil(in the park) under the swing	Takasaka Minami Danchi Park, Uchigotakasaka, Iwaki	Jul-21	Cs137	132.0 Bq/kg dry	± 13.7 Bq/kg dry	136.1	Cs137	1.1 Bq/kg dry	
			Cs134	4.1 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	762.0 Bq/kg dry	± 78.2 Bq/kg dry	793.0	Cs137	2.5 Bq/kg dry	
			Cs134	31.0 Bq/kg dry	± 3.8 Bq/kg dry		Cs134	3.0 Bq/kg dry	
Soil (in the park)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	484.0 Bq/kg dry	± 49.2 Bq/kg dry	501.3	Cs137	1.1 Bq/kg dry	
			Cs134	17.3 Bq/kg dry	± 2.0 Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil (in the park)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	437.0 Bq/kg dry	± 45.9 Bq/kg dry	459.8	Cs137	2.5 Bq/kg dry	
			Cs134	22.8 Bq/kg dry	± 2.9 Bq/kg dry		Cs134	3.0 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)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	132.0	Bq/kg dry	± 14.4	137.3	Cs137	2.2	Bq/kg dry
			Cs134	5.3	Bq/kg dry	± 1.2		Cs134	2.9	Bq/kg dry
Soil (in the park)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	98.0	Bq/kg dry	± 10.8	102.3	Cs137	1.9	Bq/kg dry
			Cs134	4.3	Bq/kg dry	± 1.0		Cs134	2.4	Bq/kg dry
Soil(in the park) under the Horizontal bar	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	83.6	Bq/kg dry	± 9.2	86.3	Cs137	2.0	Bq/kg dry
			Cs134	2.7	Bq/kg dry	± 1.0		Cs134	2.5	Bq/kg dry
Soil (in the park)	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	69.6	Bq/kg dry	± 7.5	73.8	Cs137	1.4	Bq/kg dry
			Cs134	4.2	Bq/kg dry	± 0.8		Cs134	1.6	Bq/kg dry
Soil(in the park) under the swing	Takasaka Minami park uchigotakasaka, Iwaki	Jul-21	Cs137	47.4	Bq/kg dry	± 5.4	47.4	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.6	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	1170.0	Bq/kg dry	± 121.0	1221.5	Cs137	4.0	Bq/kg dry
			Cs134	51.5	Bq/kg dry	± 6.1		Cs134	3.9	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	929.0	Bq/kg dry	± 95.8	973.9	Cs137	3.0	Bq/kg dry
			Cs134	44.9	Bq/kg dry	± 5.2		Cs134	3.1	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	869.0	Bq/kg dry	± 88.1	898.2	Cs137	1.6	Bq/kg dry
			Cs134	29.2	Bq/kg dry	± 3.3		Cs134	1.7	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	747.0	Bq/kg dry	± 76.1	775.0	Cs137	1.5	Bq/kg dry
			Cs134	28.0	Bq/kg dry	± 3.2		Cs134	1.7	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	605.0	Bq/kg dry	± 62.7	626.7	Cs137	2.7	Bq/kg dry
			Cs134	21.7	Bq/kg dry	± 2.9		Cs134	3.2	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	577.0	Bq/kg dry	± 60.6	606.1	Cs137	3.4	Bq/kg dry
			Cs134	29.1	Bq/kg dry	± 3.7		Cs134	3.7	Bq/kg dry
Soil(in the park) under the swing	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	570.0	Bq/kg dry	± 59.1	590.7	Cs137	2.5	Bq/kg dry
			Cs134	20.7	Bq/kg dry	± 2.8		Cs134	2.8	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	522.0	Bq/kg dry	± 54.3	541.7	Cs137	2.6	Bq/kg dry
			Cs134	19.7	Bq/kg dry	± 2.7		Cs134	3.1	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	474.0	Bq/kg dry	± 48.5	491.8	Cs137	1.4	Bq/kg dry
			Cs134	17.8	Bq/kg dry	± 2.2		Cs134	1.6	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	397.0	Bq/kg dry	± 41.2	412.3	Cs137	2.0	Bq/kg dry
			Cs134	15.3	Bq/kg dry	± 2.1		Cs134	2.5	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	381.0	Bq/kg dry	± 39.8	393.6	Cs137	2.1	Bq/kg dry
			Cs134	12.6	Bq/kg dry	± 1.9		Cs134	2.6	Bq/kg dry
Soil(in the park) under the Horizontal bar	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	338.0	Bq/kg dry	± 35.7	351.6	Cs137	2.4	Bq/kg dry
			Cs134	13.6	Bq/kg dry	± 2.1		Cs134	2.9	Bq/kg dry
Soil (in the park)	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	270.0	Bq/kg dry	± 28.4	283.6	Cs137	1.8	Bq/kg dry
			Cs134	13.6	Bq/kg dry	± 1.8		Cs134	2.1	Bq/kg dry
Soil(in the park) under the slide	Yunohana Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	142.0	Bq/kg dry	± 14.8	147.2	Cs137	1.1	Bq/kg dry
			Cs134	5.2	Bq/kg dry	± 0.8		Cs134	1.5	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	1010.0	Bq/kg dry	± 103.0	1043.4	Cs137	1.8	Bq/kg dry
			Cs134	33.4	Bq/kg dry	± 3.9		Cs134	1.8	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	599.0	Bq/kg dry	± 61.9	620.7	Cs137	2.7	Bq/kg dry
			Cs134	21.7	Bq/kg dry	± 2.9		Cs134	3.0	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	455.0	Bq/kg dry	± 47.6	471.8	Cs137	2.5	Bq/kg dry
			Cs134	16.8	Bq/kg dry	± 2.4		Cs134	3.2	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	373.0	Bq/kg dry	± 39.2	392.8	Cs137	2.7	Bq/kg dry
			Cs134	19.8	Bq/kg dry	± 2.6		Cs134	3.1	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	342.0	Bq/kg dry	± 35.2	356.4	Cs137	1.4	Bq/kg dry
			Cs134	14.4	Bq/kg dry	± 1.8		Cs134	1.7	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)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	224.0	Bq/kg dry	± 23.8	232.7	Cs137	2.2	Bq/kg dry
			Cs134	8.7	Bq/kg dry	± 1.5		Cs134	2.7	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	174.0	Bq/kg dry	± 18.2	180.2	Cs137	1.1	Bq/kg dry
			Cs134	6.2	Bq/kg dry	± 0.9		Cs134	1.5	Bq/kg dry
Soil(in the park) under the swing	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	153.0	Bq/kg dry	± 15.8	157.4	Cs137	1.1	Bq/kg dry
			Cs134	4.4	Bq/kg dry	± 0.7		Cs134	1.4	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	61.2	Bq/kg dry	± 6.7	63.7	Cs137	1.2	Bq/kg dry
			Cs134	2.5	Bq/kg dry	± 0.6		Cs134	1.5	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	46.2	Bq/kg dry	± 5.5	46.2	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.8	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	32.8	Bq/kg dry	± 4.0	32.8	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.7	Bq/kg dry
Soil (in the park)	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	30.8	Bq/kg dry	± 3.4	30.8	Cs137	1.1	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.3	Bq/kg dry
Soil(in the park) under the slide	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	15.8	Bq/kg dry	± 1.9	15.8	Cs137	1.1	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.3	Bq/kg dry
Soil(in the park) under the Climbing stick	Kamiyunagaya Park Jobankamiyunagaya, Iwaki	Aug-21	Cs137	8.4	Bq/kg dry	± 1.3	8.4	Cs137	1.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.2	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	317.0	Bq/kg dry	± 33.3	330.8	Cs137	2.5	Bq/kg dry
			Cs134	13.8	Bq/kg dry	± 2.1		Cs134	3.0	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	286.0	Bq/kg dry	± 30.3	297.5	Cs137	2.5	Bq/kg dry
			Cs134	11.5	Bq/kg dry	± 1.9		Cs134	3.0	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	157.0	Bq/kg dry	± 16.4	161.8	Cs137	1.5	Bq/kg dry
			Cs134	4.8	Bq/kg dry	± 0.8		Cs134	1.7	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	90.7	Bq/kg dry	± 9.7	94.4	Cs137	1.6	Bq/kg dry
			Cs134	3.7	Bq/kg dry	± 0.7		Cs134	1.6	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	79.5	Bq/kg dry	± 8.5	83.9	Cs137	1.2	Bq/kg dry
			Cs134	4.4	Bq/kg dry	± 0.8		Cs134	1.5	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	42.4	Bq/kg dry	± 4.9	42.4	Cs137	2.2	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.5	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	36.3	Bq/kg dry	± 4.2	36.3	Cs137	2.0	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.3	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	32.8	Bq/kg dry	± 3.7	32.8	Cs137	1.6	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.7	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	10.0	Bq/kg dry	± 1.4	10.0	Cs137	1.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.3	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	6.0	Bq/kg dry	± 1.1	6.0	Cs137	2.3	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	2.5	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	3.5	Bq/kg dry	± 0.5	3.5	Cs137	0.8	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.0	Bq/kg dry
Soil (in the park)	Tateshita Park Yotsukura, Iwaki	Aug-21	Cs137	—	Bq/kg dry	± —	Under Minimum Limit of Detection	Cs137	1.6	Bq/kg dry
			Cs134	—	Bq/kg dry	± —		Cs134	1.4	Bq/kg dry
Soil (in the park)	Yotsukura Fureai Square Yotsukura, Iwaki	Aug-21	Cs137	102.0	Bq/kg dry	± 10.8	105.8	Cs137	1.0	Bq/kg dry
			Cs134	3.8	Bq/kg dry	± 0.7		Cs134	1.3	Bq/kg dry
Soil (in the park)	Yotsukura Fureai Square Yotsukura, Iwaki	Aug-21	Cs137	40.1	Bq/kg dry	± 4.4	42.2	Cs137	1.0	Bq/kg dry
			Cs134	2.1	Bq/kg dry	± 0.5		Cs134	1.3	Bq/kg dry
Soil (in the park)	Yotsukura Fureai Square Yotsukura, Iwaki	Aug-21	Cs137	19.9	Bq/kg dry	± 2.6	19.9	Cs137	1.9	Bq/kg dry
			Cs134	—	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.

★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)	Yotsukura Fureai Square, Yotsukura, Iwaki	Aug-21	Cs137	3.5 Bq/kg dry	± 0.6 Bq/kg dry	3.5	Cs137	1.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.6 Bq/kg dry
Soil (in the park)	Yotsukura Fureai Square, Yotsukura, Iwaki	Aug-21	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	2.4 Bq/kg dry
Soil (in the park)	Yotsukura Fureai Square, Yotsukura, Iwaki	Aug-21	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
Sea sand①	Kume Island, Shimajiri, Okinawa	Aug-21	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	1.1 Bq/kg dry
Sea sand②	Kume Island, Shimajiri, Okinawa	Aug-21	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	1.1 Bq/kg dry
Sea sand③	Kume Island, Shimajiri, Okinawa	Aug-21	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	1.1 Bq/kg dry
Vacuum cleaner dust	Onahamahanabatake, Iwaki	Jul-21	Cs137	316.8 Bq/kg raw	± 34.3 Bq/kg raw	330.6	Cs137	12.5 Bq/kg raw
			Cs134	13.8 Bq/kg raw	± 7.3 Bq/kg raw		Cs134	9.7 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※
NaI Scintillation Spectrometer			
Product of ATOMTEX AT1320A 	Product of BERTHOLD LB2045 	・ Gamma-ray spectrometer with NaI 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
Germanium Semiconductor detector			
ORTEC GEM30-70 	・ Radioactivity measurement series. Quantitative analysis based on "Gamma-ray spectrometry with germanium semiconductor detector." ・ Relative efficiency 35%	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	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection			
Rice	Iwaki City	Oct-20	Cs137	0.1	Bq/kg raw	± 0.04	Bq/kg raw	0.1	Cs137	0.07	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.08	Bq/kg raw
Eggplant	Onahamakamikaziro, Iwaki	Aug-21	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
White eggplant	Onahamakamikaziro, Iwaki	Aug-21	Cs137	—	Bq/kg raw	± —	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.06	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.06	Bq/kg raw
Green pepper	Namie, Futaba, Fukushima	Jul-21	Cs137	0.6	Bq/kg raw	± 0.1	Bq/kg raw	0.6	Cs137	0.2	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.2	Bq/kg raw
Snack chili	Onahamakamikaziro, Iwaki	Aug-21	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	0.3	Bq/kg raw
Purple shishito	Onahamakamikaziro, Iwaki	Aug-21	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
Pumpkin	Tokiwa, Tamura, Fukushima	Aug-21	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
Pumpkin	Onahamakamikaziro, Iwaki	Aug-21	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	0.08	Bq/kg raw
Blueberry	Tairashimokabeya, Iwaki	Aug-21	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
Warabi(wild)	Kamimisaka, Miwa, Fukushima	Aug-21	Cs137	0.18	Bq/kg raw	± 0.06	Bq/kg raw	0.18	Cs137	0.1	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.1	Bq/kg raw
Ume(pulp)	Chuoudai, Iwaki	Jun-21	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
Ume syrup	Chuoudai, Iwaki	Jun-21	Cs137	0.3	Bq/kg raw	± 0.02	Bq/kg raw	0.3	Cs137	0.04	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.04	Bq/kg raw
Sea bass (flesh)	OnahamaPort, Iwaki	Sep-20	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	0.3	Bq/kg raw
Sea bass (flesh)	Fujiwara River, Iwaki	Jul-21	Cs137	1.2	Bq/kg raw	± 0.3	Bq/kg raw	1.2	Cs137	0.6	Bq/kg raw
			Cs134	—	Bq/kg raw	± —	Bq/kg raw		Cs134	0.6	Bq/kg raw
Flounder (flesh)	Off the coast of Watari, Miyagi	Aug-21	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
Salmon flakes (processed)	Kidogawa River Futaba, Fukushima	May-20	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	0.2	Bq/kg raw
Buckwheat	Minamiaizu-cho, Minamiaizu, Fukushima	Jan-19	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	1.1	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		
Barley tea	Chiba Pref.	May-21	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	
Soil A	Minamiaizu-cho, Minamiaizu, Fukushima	Aug-21	Cs137	20.1 Bq/kg dry	± 1.4 Bq/kg dry	20.1	Cs137	1.8 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.9 Bq/kg dry	
Soil B	Minamiaizu-cho, Minamiaizu, Fukushima	Aug-21	Cs137	31.5 Bq/kg dry	± 1.4 Bq/kg dry	31.5	Cs137	1.3 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.5 Bq/kg dry	
Soil C	Minamiaizu-cho, Minamiaizu, Fukushima	Aug-21	Cs137	22.2 Bq/kg dry	± 1.2 Bq/kg dry	22.2	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.4 Bq/kg dry	
Soil D	Minamiaizu-cho, Minamiaizu, Fukushima	Aug-21	Cs137	18.6 Bq/kg dry	± 1.2 Bq/kg dry	18.6	Cs137	1.5 Bq/kg dry	
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.7 Bq/kg dry	
Tap water	Tadami, Minamiaizu, Fukushima	Jul-21	Cs137	0.001 Bq/L	± 0.0004 Bq/L	0.001	Cs137	0.0009 Bq/L	
			Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L	
River water	Fuzawa River, Fukushima	Jul-21	Cs137	0.001 Bq/L	± 0.0005 Bq/L	0.001	Cs137	0.001 Bq/L	
			Cs134	— Bq/L	± — Bq/L		Cs134	0.001 Bq/L	
Pine leaf	Kamimisaka, Miwa, Fukushima	Aug-21	Cs137	1.9 Bq/kg raw	± 0.2 Bq/kg raw	1.9	Cs137	0.3 Bq/kg raw	
			Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	0.4 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.



★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	
Tap water	Tadami, Minamiaizu, Fukushima	Jul-21	T (Free)	0.41	Bq/L	± 0.18	Bq/L	0.15	Bq/L
River water	Tadami, Minamiaizu, Fukushima	Jun-21	T (Free)	0.33	Bq/L	± 0.17	Bq/L	0.14	Bq/L
River water (Fuzawa River)	Tadami, Minamiaizu, Fukushima	Jul-21	T (Free)	0.50	Bq/L	± 0.19	Bq/L	0.15	Bq/L
Vapor (in the air)	Noda, Fukushima, Fukushima Pref.	May-21	T (Free)	0.67	Bq/L	± 0.20	Bq/L	0.14	Bq/L
Vapor (in the air)	Noda, Fukushima, Fukushima Pref.	Jun-21	T (Free)	0.44	Bq/L	± 0.18	Bq/L	0.14	Bq/L
Rainwater	Noda, Fukushima, Fukushima Pref.	Jun-21	T (Free)	0.39	Bq/L	± 0.18	Bq/L	0.14	Bq/L
Vapor (in the air)	Onahamahanabatake, Iwaki	Jun-21	T (Free)	0.34	Bq/L	± 0.17	Bq/L	0.14	Bq/L
Vapor (in the air)	Onahamahanabatake, Iwaki	Jul-21	T (Free)	0.71	Bq/L	± 0.22	Bq/L	0.15	Bq/L
Rainwater	Onahamahanabatake, Iwaki	Jul-21	T (Free)	0.41	Bq/L	± 0.18	Bq/L	0.14	Bq/L
Fox jacopever (hed/bone)	Off the coast of Fukushima Nuclear Power Plant1	Nov-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	0.11	Bq/kg dry
Sea bream (whole)	Off the coast of Onahama, Iwaki	Aug-18	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	0.14	Bq/kg dry
Dried bracken (desalted)	Kawanishimachi, Higashiokitamagun, Yamagata	Aug-19	Sr90	1.74	Bq/kg dry	± 0.21	Bq/kg dry	0.30	Bq/kg dry
Mountain soil	Onami, Fukushima, Fukushima Pref.	May-21	Sr90	4.08	Bq/kg dry	± 2.00	Bq/kg dry	2.99	Bq/kg dry
Soil	Kagura Park Onahamasuwa, Iwaki	May-20	Sr90	2.30	Bq/kg dry	± 1.03	Bq/kg dry	1.54	Bq/kg dry
Soil	Torii KitaChildren's Amusement Park Onahamatainnbanuma, Iwaki	May-20	Sr90	2.69	Bq/kg dry	± 1.03	Bq/kg dry	1.55	Bq/kg dry
Soil	Yadagawa Park Onahamarinjo, Iwaki	May-20	Sr90	Under Minimum Limit of Detection	Bq/kg dry	± —	Bq/kg dry	1.63	Bq/kg dry
Tap water	Tadami, Minamiaizu, Fukushima	Jul-21	Sr90	Under Minimum Limit of Detection	Bq/L	± —	Bq/L	0.0006	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.

★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	
River water	Tadami, Minamiaizu, Fukushima	Jun-21	Sr90	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.0008	Bq/L
River water	Tadami, Minamiaizu, Fukushima	Jul-21	Sr90	Under Minimum Limit of Detection Bq/L	± — Bq/L	0.0009	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.



Measurement results of 16 items by germanium semiconductor detector

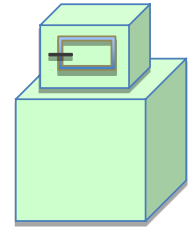
Dr. Tetsuji Imanaka, Institute of Multiple Nuclear Science, Kyoto University

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	
Rice	Chiba Pref.	Oct-20	OR	Cs137	0.18 Bq/kg raw	± 0.02 Bq/kg raw	0.18	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Rice	Noto,Hosu, Ishikawa	Oct-20	CA	Cs137	0.03 Bq/kg raw	± 0.01 Bq/kg raw	0.03	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Broccoli	Iwaki City	Mar-21	OR	Cs137	2.1 Bq/kg raw	± 0.07 Bq/kg raw	2.1	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Kale	Fukushima, Fukushima Pref.	Apr-21	OR	Cs137	0.6 Bq/kg raw	± 0.1 Bq/kg raw	0.6	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Bamboo shoot	Kawauchi, Futaba, Fukushima	Jun-21	OR	Cs137	0.7 Bq/kg raw	± 0.09 Bq/kg raw	0.7	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Butterbur	Fukushima, Fukushima Pref.	Jun-21	OR	Cs137	3.3 Bq/kg raw	± 0.08 Bq/kg raw	3.38	Cs137	—	Bq/kg raw
				Cs134	0.08 Bq/kg raw	± 0.03 Bq/kg raw		Cs134	—	Bq/kg raw
Butterbur sprout	Murata, Shibata, Miyagi	Apr-21	OR	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	—	Bq/kg raw
Butterbur sprout (wild)	Yonezawa, Yamagata	Apr-21	OR	Cs137	0.35 Bq/kg raw	± 0.11 Bq/kg raw	0.35	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Warabi	Nihonmatsu, Fukushima	May-21	CA	Cs137	2.6 Bq/kg raw	± 0.06 Bq/kg raw	2.6	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Warabi	Kawauchi, Futaba Fukushima	Jun-21	CA	Cs137	0.5 Bq/kg raw	± 0.05 Bq/kg raw	0.5	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Warabi (cultivated)	Fukushima, Fukushima Pref.	May-21	CA	Cs137	0.08 Bq/kg raw	± 0.06 Bq/kg raw	0.08	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Hosta (cultivated)	Otama, Adachi, Fukushima	May-21	OR	Cs137	4.6 Bq/kg raw	± 0.07 Bq/kg raw	4.77	Cs137	—	Bq/kg raw
				Cs134	0.17 Bq/kg raw	± 0.03 Bq/kg raw		Cs134	—	Bq/kg raw
Myoga	Motomiya, Fukushima	May-21	OR	Cs137	5.5 Bq/kg raw	± 0.15 Bq/kg raw	5.82	Cs137	—	Bq/kg raw
				Cs134	0.32 Bq/kg raw	± 0.07 Bq/kg raw		Cs134	—	Bq/kg raw
Nameko mushroom	Nihonmatsu, Fukushima	Mar-21	CA	Cs137	7.5 Bq/kg raw	± 0.07 Bq/kg raw	7.75	Cs137	—	Bq/kg raw
				Cs134	0.25 Bq/kg raw	± 0.02 Bq/kg raw		Cs134	—	Bq/kg raw
Tomato (dried)	Minamiaizu-cho, Minamiaizu, Fukushima	Mar-21	OR	Cs137	2.7 Bq/kg raw	± 0.4 Bq/kg raw	2.7	Cs137	—	Bq/kg raw
				Cs134	— Bq/kg raw	± — Bq/kg raw		Cs134	—	Bq/kg raw
Melon (dried)	Yamagata Pref.	Mar-21	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