Radiation Measurement Results of ９９ Items in January

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	
Soil(in the park)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	294.0 Bq/kg dry	± 30.8 Bq/kg dry	294.0	Cs137	3.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil(in the park)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	220.0 Bq/kg dry	± 23.4 Bq/kg dry	220.0	Cs137	3.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil(in the park)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	188.0 Bq/kg dry	± 20.1 Bq/kg dry	188.0	Cs137	3.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.4 Bq/kg dry
Soil (Wooden playground equipment)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	183.0 Bq/kg dry	± 19.1 Bq/kg dry	183.0	Cs137	2.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.5 Bq/kg dry
Soil (bench)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	152.0 Bq/kg dry	± 15.9 Bq/kg dry	152.0	Cs137	1.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil(slide)	Sakuragaoka 2choume Park, 2choume, Sakuragaoka, Iwaki	Oct-25	Cs137	59.8 Bq/kg dry	± 6.4 Bq/kg dry	59.8	Cs137	1.1 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 Bq/kg dry
Soil (street light)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	381.0 Bq/kg dry	± 40.3 Bq/kg dry	381.0	Cs137	4.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.6 Bq/kg dry
Soil(in the park)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	284.0 Bq/kg dry	± 30.0 Bq/kg dry	284.0	Cs137	3.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.6 Bq/kg dry
Soil(in the park)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	156.0 Bq/kg dry	± 16.8 Bq/kg dry	156.0	Cs137	3.0 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.2 Bq/kg dry
Soil(swing)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	140.0 Bq/kg dry	± 14.7 Bq/kg dry	140.0	Cs137	1.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.3 Bq/kg dry
Soil(in the park)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	122.0 Bq/kg dry	± 1.4 Bq/kg dry	122.0	Cs137	0.8 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	0.8 Bq/kg dry
Soil (bench)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	45.9 Bq/kg dry	± 5.0 Bq/kg dry	45.9	Cs137	1.2 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	1.1 Bq/kg dry
Soil(in the park)	Sakuragaoka chuo Park, 4choume, Sakuragaoka, Iwaki	Oct-25	Cs137	8.4 Bq/kg dry	± 1.3 Bq/kg dry	8.4	Cs137	2.3 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.5 Bq/kg dry
Soil(in the park)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	384.0 Bq/kg dry	± 40.1 Bq/kg dry	384.0	Cs137	3.8 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil (bench)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	372.0 Bq/kg dry	± 38.8 Bq/kg dry	372.0	Cs137	3.5 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil(in the park)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	364.0 Bq/kg dry	± 38.1 Bq/kg dry	364.0	Cs137	3.9 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.9 Bq/kg dry
Soil(swing)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	347.0 Bq/kg dry	± 36.4 Bq/kg dry	347.0	Cs137	3.7 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 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.

(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 (bench)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	324.0 Bq/kg dry	± 34.4 Bq/kg dry	324.0	Cs137	4.6 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	3.5 Bq/kg dry
Soil(slide)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	251.0 Bq/kg dry	± 26.3 Bq/kg dry	251.0	Cs137	2.8 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.1 Bq/kg dry
Soil(drinking fountains)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	250.0 Bq/kg dry	± 26.5 Bq/kg dry	250.0	Cs137	3.6 Bq/kg dry
			Cs134	— Bq/kg dry	± — Bq/kg dry		Cs134	2.7 Bq/kg dry
Soil(in the park)	Keiseimidorigaoka Children's playground, Jyoubanyumoto, Iwaki	Oct-25	Cs137	239.0 Bq/kg dry	± 24.8 Bq/kg dry	242.8	Cs137	1.2 Bq/kg dry
			Cs134	3.8 Bq/kg dry	± 0.7 Bq/kg dry		Cs134	1.2 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.

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	
Rice	Nigata Pref.	Oct-25	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.04 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.04 Bq/kg raw
Potato	Hokkaido	Nov-25	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	0.2 Bq/kg raw
Sweet potato	Koriyama, Fukushima Pref.	Jan-26	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	0.2 Bq/kg raw
Chinese cabbage	Nishida,Koriyama, Fukushima Pref.	Jan-26	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	0.2 Bq/kg raw
Cabbage	Chiba Pref.	Dec-25	CA	Cs137	— Bq/kg raw	±	— Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Spinach	Akutsu,Koriyama, Fukushima Pref.	Jan-26	CA	Cs137	0.7 Bq/kg raw	±	0.1 Bq/kg raw	0.7	Cs137	0.4 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.4 Bq/kg raw
Spinach	Ibaraki Pref.	Jan-26	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	0.6 Bq/kg raw
Savoy spinach	Tamura,Koriyama, Fukushima Pref.	Jan-26	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	0.5 Bq/kg raw
Tsubomina	Nishida,Koriyama, Fukushima Pref.	Jan-26	CA	Cs137	5.5 Bq/kg raw	±	0.3 Bq/kg raw	5.5	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	0.3 Bq/kg raw
Japanese mustard spinach	Kaga. Okayama Pref.	Jan-26	OR	Cs137	— Bq/kg raw	±	– Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.8 Bq/kg raw
				Cs134	– Bq/kg raw	±	– Bq/kg raw		Cs134	0.9 Bq/kg raw
Potherb mustard	Kaga. Okayama Pref.	Jan-26	OR	Cs137	— Bq/kg raw	±	– Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.9 Bq/kg raw
				Cs134	– Bq/kg raw	±	– Bq/kg raw		Cs134	0.9 Bq/kg raw
Mustard greens	Iwaki City	Jan-26	CA	Cs137	— Bq/kg raw	±	– Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5 Bq/kg raw
				Cs134	– Bq/kg raw	±	– Bq/kg raw		Cs134	0.4 Bq/kg raw
Baby reaf	Iwaki City	Jan-26	CA	Cs137	— Bq/kg raw	±	– Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4 Bq/kg raw
				Cs134	– Bq/kg raw	±	– Bq/kg raw		Cs134	0.4 Bq/kg raw
Japanese parsley	Miharu,Tamura, Fukushima Pref.	Jan-26	OR	Cs137	0.6 Bq/kg raw	±	0.2 Bq/kg raw	0.6	Cs137	0.5 Bq/kg raw
				Cs134	— Bq/kg raw	±	– Bq/kg raw		Cs134	0.6 Bq/kg raw
Chickweed	Oita Pref.	Jan-26	OR	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	3.0 Bq/kg raw
Japanese white radish	Hirono,Futaba Fukushima Pref.	Jan-26	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
Japanese white radish	Iwaki City	Jan-26	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	0.2 Bq/kg raw
Japanese white radish	Ooita Pref.	Jan-26	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
Red turnip	Aomori Pref.	Dec-25	OR	Cs137	– Bq/kg raw	±	– Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3 Bq/kg raw
				Cs134	— Bq/kg raw	±	— Bq/kg raw		Cs134	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.

Mothers' Radiation Lab Fukushima

(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		
Lotus root	Ibaraki Pref.	Jan-26	GR	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
Burdock	Ibaraki Pref.	Nov-25	GR	Cs137	–	Bq/kg raw	±	–	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.5	Bq/kg raw
Green pepper	Kumamoto Pref.	Nov-25	GE	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
Perilla	Iwaki City	Jan-26	GE	Cs137	–	Bq/kg raw	±	–	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.5	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.5	Bq/kg raw
Broccoli	Hokkaidou	Nov-25	GR	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	0.3	Bq/kg raw
Cauliflower	Nagano Pref.	Oct-25	GE	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
Myoga	Kouchib Pref.	Jan-26	GE	Cs137	–	Bq/kg raw	±	–	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.4	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.5	Bq/kg raw
Wax gourd	Okinawa Pref.	Jan-26	GR	Cs137	–	Bq/kg raw	±	–	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Dried stems of taro	Iwaki City	Jan-26	GR	Cs137	–	Bq/kg raw	±	–	Bq/kg raw	Under Minimum Limit of Detection	Cs137	3.7	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.9	Bq/kg raw
Chili pepper (dried)	Kori,Date, Fukushima Pref.	Jun-25	GE	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	2.9	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	3.1	Bq/kg raw
Dried persimmon	Iwaki City	Jan-26	GR	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	1.0	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	1.0	Bq/kg raw
Lemon	Ehime Pref.	Jan-26	GR	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
Chinese quince	Mihota,Koriyama Fukushima Pref.	Jan-26	GE	Cs137	1.0	Bq/kg raw	±	0.1	Bq/kg raw	0.1	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Wood ear mushroom(raw)	Iwaki City	Jan-26	GE	Cs137	0.1	Bq/kg raw	±	0.05	Bq/kg raw	0.1	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	Bq/kg raw
Dried shiitake mushroom	Miharu,Tamura, Fukushima Pref.	Dec-25	GE	Cs137	18.7	Bq/kg raw	±	1.4	Bq/kg raw	18.7	Cs137	2.3	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	2.1	Bq/kg raw
Oyster mushroom	Asaka,Koriyama, Fukushima Pref.	Jan-26	GE	Cs137	1.5	Bq/kg raw	±	0.1	Bq/kg raw	1.5	Cs137	0.2	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.2	Bq/kg raw
Shitake mushroom grown in bacteria-bed(raw)	Hyougo Pref.	Nov-25	GE	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
Dried wakame	Sanriku (production)	Jan-26	GR	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	2.6	Bq/kg raw
Ami shrimp (dried)	Miyako, Iwate Pref.	Jan-26	GR	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	1.5	Bq/kg raw
Honey	Fushiguro,Date, Fukushima Pref.	Oct-25	GE	Cs137	0.6	Bq/kg raw	±	0.2	Bq/kg raw	0.6	Cs137	0.4	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.4	Bq/kg raw
Grasshoppers cooked in soy sauce	Furudono,Ishikawa , Fukushima Pref.	Jan-26	GE	Cs137	—	Bq/kg raw	±	—	Bq/kg raw	Under Minimum Limit of Detection	Cs137	0.7	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.6	Bq/kg raw
Rice flour (non-glutinous rice)	Japan (production)	Oct-25	GR	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	0.8	Bq/kg raw
Potato starch	Hokkaidou	Oct-25	GE	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	1.9	Bq/kg raw
Rice husk	Fushiguro,Date, Fukushima Pref.	Oct-25	GR	Cs137	3.1	Bq/kg raw	±	0.1	Bq/kg raw	3.1	Cs137	0.1	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.1	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.

Mothers' Radiation Lab Fukushima

(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		
Wheat husk	Fushiguro,Date, Fukushima Pref.	Oct-25	CA	Cs137	0.4	Bq/kg raw	±	0.04	Bq/kg raw	0.4	Cs137	0.08	Bq/kg raw
				Cs134	—	Bq/kg raw	±	—	Bq/kg raw		Cs134	0.09	Bq/kg raw
Vacuum cleaner dust	Satogaoka,Iwaki	Jan-26	CA	Cs137	1297.8	Bq/kg raw	±	5.9	Bq/kg raw	1311.3	Cs137	1.7	Bq/kg raw
				Cs134	13.5	Bq/kg raw	±	0.7	Bq/kg raw		Cs134	1.8	Bq/kg raw
Soil(in the park)	Sakuragaoka 2choume Park,2choume, Sakuragaoka,Iwaki	Oct-25	OR	Cs137	341.2	Bq/kg raw	±	1.8	Bq/kg raw	344.9	Cs137	0.7	Bq/kg raw
				Cs134	3.7	Bq/kg raw	±	0.3	Bq/kg raw		Cs134	0.7	Bq/kg raw
Soil(in the park)	Sakuragaoka 2choume Park,2choume, Sakuragaoka,Iwaki	Oct-25	OR	Cs137	227.4	Bq/kg raw	±	1.5	Bq/kg raw	229.6	Cs137	0.6	Bq/kg raw
				Cs134	2.2	Bq/kg raw	±	0.3	Bq/kg raw		Cs134	0.7	Bq/kg raw
Soil (horizontal bar)	Sakuragaoka 2choume Park,2choume, Sakuragaoka,Iwaki	Oct-25	OR	Cs137	171.0	Bq/L	±	1.3	Bq/L	172.8	Cs137	0.6	Bq/L
				Cs134	1.8	Bq/L	±	0.3	Bq/L		Cs134	0.6	Bq/L
Soil(in the park)	Sakuragaoka 2choume Park,2choume, Sakuragaoka,Iwaki	Oct-25	OR	Cs137	119.6	Bq/L	±	1.0	Bq/L	120.7	Cs137	0.5	Bq/L
				Cs134	1.1	Bq/L	±	0.3	Bq/L		Cs134	0.5	Bq/L
Soil(in the park)	Sakuragaoka chuo Park, 4choume,Sakuragaoka,Iwaki	Oct-25	OR	Cs137	446.9	Bq/L	±	2.2	Bq/L	451.0	Cs137	0.7	Bq/L
				Cs134	4.1	Bq/L	±	0.4	Bq/L		Cs134	0.9	Bq/L
Soil (bench)	Sakuragaoka chuo Park, 4choume,Sakuragaoka,Iwaki	Oct-25	OR	Cs137	30.6	Bq/L	±	0.6	Bq/L	30.6	Cs137	0.7	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.7	Bq/L
Soil(car playground equipment)	Sakuragaoka chuo Park, 4choume,Sakuragaoka,Iwaki	Oct-25	OR	Cs137	26.0	Bq/L	±	0.6	Bq/L	26.0	Cs137	0.6	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.7	Bq/L
Soil (horizonta bar)	Sakuragaoka chuo Park, 4choume,Sakuragaoka,Iwaki	Oct-25	OR	Cs137	18.0	Bq/L	±	0.5	Bq/L	18.0	Cs137	0.6	Bq/L
				Cs134	—	Bq/L	±	—	Bq/L		Cs134	0.6	Bq/L
Soil(in the park)	Keiseimidorigaoka children's play ground,jyoubanyumoto,Iwaki	Oct-25	OR	Cs137	245.5	Bq/L	±	1.8	Bq/L	248.6	Cs137	0.8	Bq/L
				Cs134	3.1	Bq/L	±	0.5	Bq/L		Cs134	0.9	Bq/L
Soil(in the park)	Keiseimidorigaoka children's play ground,jyoubanyumoto,Iwaki	Oct-25	OR	Cs137	214.0	Bq/L	±	1.6	Bq/L	216.0	Cs137	0.7	Bq/L
				Cs134	2.0	Bq/L	±	0.4	Bq/L		Cs134	0.8	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 Organic bound tritium Harf-life 12.3 years Free-water tritium 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	
Flounder	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.38	Bq/L
Greenling	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(Tissue free water)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.37	Bq/L
Flounder	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(Organically bound)	Under Minimum Limit of Detection	Bq/kg raw	±	—	Bq/kg raw	0.07	Bq/kg raw
Sea waterA (surface)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.33	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water A (lower)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.27	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water B (surface)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.28	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water B (lower)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.44	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water C (surface)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.23	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water C (lower)	Sendai Bay/ Miyagi Pref.	Sep-25	T(free)	0.22	Bq/kg dry	±	0.05	Bq/L	0.04	Bq/L
Sea waterA (surface)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(free)	0.43	Bq/kg dry	±	0.05	Bq/L	0.04	Bq/L
Sea water A (lower)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(free)	0.43	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water B (surface)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(free)	0.24	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water B (lower)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	T(free)	0.20	Bq/L	±	0.05	Bq/L	0.04	Bq/L
Sea water (surface)	Tomari Fishihg port/ Obana, Fukui Pref.	Sep-21	T(free)	0.18	Bq/L	±	0.09	Bq/L	0.09	Bq/L
Sea water (surface)	Kamise Fishing port/ Oi, Fukui pref.	Sep-21	T(free)	0.13	Bq/L	±	0.09	Bq/L	0.09	Bq/L
Sea water (surface)	Takenami Beach/ Mikata, Fukui Pref.	Sep-21	T(free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	0.09	Bq/L
Fox jacopever (whole)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	Sr90	0.12	Bq/kg dry	±	0.06	Bq/L	0.09	Bq/kg dry
White rockfish (whole)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	Sr90	0.10	Bq/kg dry	±	0.06	Bq/L	0.09	Bq/kg dry

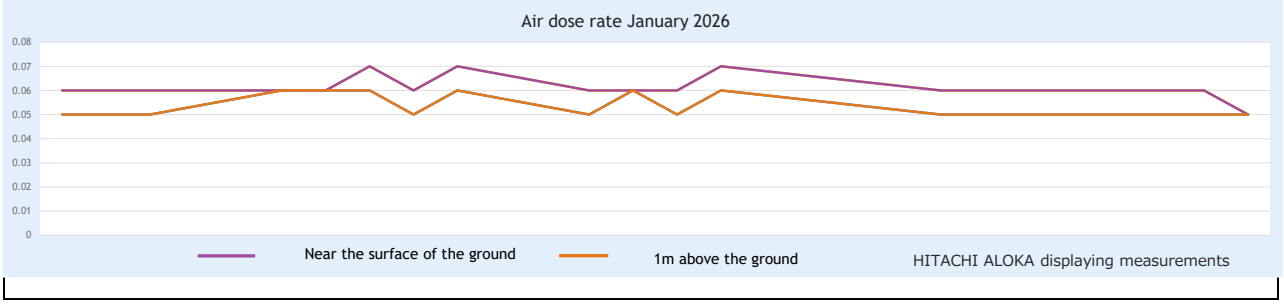
(Bq/Kg raw:Weight of raw sample Bq/Kg dry:Weight of dried sample)

Samples	Sampling Point	Sampling Month	Measurement Result			Uncertainty			Minimum Limit of Detection	
Flounder(head/bone)	Off the coast of Fukushima Nuclear Power Plant 1	Nov-25	Sr90	Under Minimum Limit of Detection	Bq/kg dry	±	-	Bq/kg dry	0.09	Bq/kg dry
Mirror sea bream	unknown	Jan-24	Sr90	0.27	Bq/kg dry	±	0.10	Bq/kg dry	0.15	Bq/kg dry
Sea water (surface)	Yotsukura Port/ Iwaki City	Jan-26	Sr90	0.0011	Bq/L	±	0.0003	Bq/L	0.0005	Bq/L
Sea water (lower)	Onahama Port/ Iwaki City	Jan-26	Sr90	Under Minimum Limit of Detection	Bq/L	±	-	Bq/L	0.0004	Bq/L
Soil	Kusakidai Minami Park, Kusakidai, Iwaki	Mar-22	Sr90	2.79	Bq/kg dry	±	0.92	Bq/kg dry	1.37	Bq/kg dry

Mothers' Radiation Lab Fukushima

Air dose rate January 2026

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	HORIBA Radi	
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/1/5	☀	0.063	0.057
2026/1/6	☀	0.063	0.052
2026/1/7	☀	0.062	0.050
2026/1/8	☀	0.065	0.061
2026/1/9	☀	0.065	0.060
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/1/13	☀	0.070	0.065
2026/1/14	☀	0.068	0.058
2026/1/15	☀	0.073	0.063
2026/1/16	☀	0.063	0.057
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/1/19	☁	0.068	0.063
2026/1/20	☀	0.063	0.058
2026/1/21	☀	0.070	0.065
2026/1/22	☀	0.063	0.053
2026/1/23	☁	0.065	0.057
Measuring Date	Weather	Near the surface of the ground (μSv/h)	1m above the ground (μSv/h)
2026/1/26	☀	0.068	0.058
2026/1/27	☀	0.068	0.059
2026/1/28	☀	0.058	0.051
2026/1/29	☀	0.067	0.064
2026/1/30	☀	0.067	0.057
Measuring Date	Weather	Near the surface of the ground	1m above the ground (μSv/h)