Radiation Measurement Results of 60 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

(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	
Polished rice	Kyoto	2015	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Polished rice	unknown	unknown	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.1 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Polished rice	unknown	unknown	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	1.4 Bq/Kg raw
Brown rice	Komoro,Nagano	Nov-15	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.1 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Brown rice	Izumi,Iwaki	Oct-15	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Shimeji mushroom (Lyophyllum fumosum)	Yonezawa,Yamagata	Jul-16	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.5 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.3 Bq/Kg raw
Enokidake mushroom	Nagaoka,Niigata	Aug-16	Cs137	Bq/Kg raw	±	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3 Bq/Kg raw
			Cs134	Bq/Kg raw	±	Bq/Kg raw		Cs134	1.2 Bq/Kg raw
Japanese mustard spinach	Hokota,Ibaraki	Aug-16	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	1.8 Bq/Kg raw
Malabar spinach	Fukushima	Aug-16	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
Tomato	Iwaki	Jul-16	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
Eggplant	Hanabatake, Onahama,Iwaki	Aug-16	Cs137	— Bq/Kg raw	± —	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.7 Bq/Kg raw
			Cs134	— Bq/Kg raw	± —	Bq/Kg raw		Cs134	1.5 Bq/Kg raw
Cucumber	Hanabatake, Onahama,Iwaki	Aug-16	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	1.4 Bq/Kg raw
Cucumber	Otsuki,Koriyama	Aug-16	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	1.4 Bq/Kg raw
Burdock (with soil)	Fukushima	Aug-16	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
Wormwood	Yumiwatashi Mobara,Chiba	Jul-16	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
Achyranthes	Yumiwatashi Mobara,Chiba	Jul-16	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
Bud of kudzu	Yumiwatashi Mobara,Chiba	Jul-16	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
Peach (pulp)	Fukushima	Aug-16	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	1.3 Bq/Kg raw
Peach (peel)	Fukushima	Aug-16	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
Apple (pulp)	Fukushima	Aug-16	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	1.4 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.

Iwaki Radiation Measuring Center, Tarachine

★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		
Peach (peel and stone)	Fukushima	Aug-16	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
Pear (pulp)	Iwaki	Aug-16	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.2	Bq/Kg raw
Pear (peel and seed)	Iwaki	Aug-16	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
Satsuma (Japanese orange)	unknown	unknown	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
Bonito (with bone)	Chiba	Jul-16	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
Ascidiacea	Miyagi	Jul-16	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	2.2	Bq/Kg raw
Flounder	Offshore of Kinkasan, Miyagi	unknown	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
Flounder (flesh)	Offshore of Kinkasan, Miyagi	unknown	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	1.4	Bq/Kg raw
Flounder (head,bone,viscera)	Offshore of Kinkasan, Miyagi	unknown	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	1.3	Bq/Kg raw
Sardine (flesh)	Chyoushi, Chiba	Oct-15	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	0.9	Bq/Kg raw
Sardine (bone)	Chyoushi, Chiba	Oct-15	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
Octopus	Fukushima	Aug-16	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
Chicken breast	Japan	Aug-16	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.2	Bq/Kg raw
Chicken egg	Hanawa, Higashishirakawa	Jul-16	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	1.7	Bq/Kg raw
Milk	Iwate	Jul-16	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.2	Bq/Kg raw
Yogurt drink	Nagaoka,Nagano	unknown	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.2	Bq/Kg raw
Yogurt drink	unknown	unknown	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	1.3	Bq/Kg raw
Soft drink (green tea)	unknown	unknown	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	1.3	Bq/Kg raw
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	1.2	Bq/Kg raw
Well water	Okawara,Okuma, Futaba	Aug-16	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.06	Bq/L
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	0.05	Bq/L
Well water	Yanagawa,Date	Jul-16	Cs137	—	Bq/Kg raw	±	—	Bq/Kg raw	Under Minimum Limit of Detection	Cs137	0.06	Bq/L
			Cs134	—	Bq/Kg raw	±	—	Bq/Kg raw		Cs134	0.05	Bq/L
Japanese giant hornet (Vespa mandarinia japonica) (nest,adult,larva)	Ena,Iwaki	Aug-16	Cs137	117	Bq/Kg raw	±	25	Bq/Kg raw	146	Cs137	11.3	Bq/Kg raw
			Cs134	28.9	Bq/Kg raw	±	8.7	Bq/Kg raw		Cs134	10.3	Bq/Kg raw
Vespa analis	Toza,Taira,Iwaki	Aug-16	Cs137	377	Bq/Kg raw	±	83.0	Bq/Kg raw	431	Cs137	45.3	Bq/Kg raw
			Cs134	53.6	Bq/Kg raw	±	27.0	Bq/Kg raw		Cs134	43.4	Bq/Kg raw
Pine cones	Suetsugi,Iwaki	Aug-16	Cs137	88.5	Bq/Kg raw	±	18.1	Bq/Kg raw	103	Cs137	7.2	Bq/Kg raw
			Cs134	14.4	Bq/Kg raw	±	5.1	Bq/Kg raw		Cs134	6.8	Bq/Kg raw

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

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

Samples	Sampling Point	Sampling Month	Measurement Result		Uncertainty		Total Amount of Cesium	Minimum Limit of Detection	
Olive leaf	Iwaki	2016年7月	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
Soil	Matsuida, Annaka, Gunma	May-16	Cs137	102 Bq/Kg raw	± 13.6	Bq/Kg raw	114	Cs137	1.0 Bq/Kg raw
			Cs134	11.6 Bq/Kg raw	± 4.4	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Soil	Kobetsuto, Annaka, Gunma	May-16	Cs137	73.0 Bq/Kg raw	± 10.8	Bq/Kg raw	82.5	Cs137	1.0 Bq/Kg raw
			Cs134	9.6 Bq/Kg raw	± 4.0	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Soil	Omata, Kobetsuto, Annaka,Gunma	May-16	Cs137	108 Bq/Kg raw	± 13.6	Bq/Kg raw	122	Cs137	1.0 Bq/Kg raw
			Cs134	13.9 Bq/Kg raw	± 4.0	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Vacuum cleaner dust Panasonic Cyclonic	Iino, Fukushima	May-16	Cs137	358 Bq/Kg raw	± 43.8	Bq/Kg raw	423	Cs137	1.0 Bq/Kg raw
			Cs134	64.8 Bq/Kg raw	± 15.8	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Vacuum cleaner dust Panasonic Paper pack vacuum cleaner	Iino, Fukushima	May-16	Cs137	1714 Bq/Kg raw	± 156	Bq/Kg raw	1,982	Cs137	1.0 Bq/Kg raw
			Cs134	268 Bq/Kg raw	± 33.9	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Vacuum cleaner dust Dyson	Hanabatake, Onahama,Iwaki	May-16	Cs137	2242 Bq/Kg raw	± 199	Bq/Kg raw	2,575	Cs137	1.0 Bq/Kg raw
			Cs134	333 Bq/Kg raw	± 39.5	Bq/Kg raw		Cs134	1.0 Bq/Kg raw
Vacuum cleaner dust SHARP Cyclonic	Oohara, Onahama,Iwaki	May-16	Cs137	307 Bq/Kg raw	± 32.6	Bq/Kg raw	362	Cs137	1.0 Bq/Kg raw
			Cs134	54.8 Bq/Kg raw	± 10.7	Bq/Kg raw		Cs134	1.0 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.

※Please note that the value of vacuum cleaner dust may vary according to models and specifications.

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★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	
Well water	Yanagawa,Date	Jun-16	T(Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	2.50	Bq/L
Well water	Okawara, Okuma, Futaba	Jul-16	T(Free)	Under Minimum Limit of Detection	Bq/L	±	—	Bq/L	2.50	Bq/L
Greenling	6km south of Fukushima Nuclear Power Plant1(3km off-shore)	Jun-16	T(Organization)	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	1.86	Bq/Kg dry
Greenling	12km south of Fukushima Nuclear Power Plant1(3.5km off-shore)	Jun-16	T(Organization)	3.27	Bq/Kg dry	±	2.01	Bq/Kg dry	1.82	Bq/Kg dry
Honey	Fushiguro,Date	Jun-15	T(Organization)	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	1.97	Bq/Kg dry
Dried sardine	Toyama	Jan-14	Sr90	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	0.15	Bq/Kg dry
Dried sardine	Kagawa	Jan-14	Sr90	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	0.12	Bq/Kg dry
Dried sardine	Tottori	Jan-14	Sr90	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	0.09	Bq/Kg dry
Pine needle	Canada	Jun-15	Sr90	Under Minimum Limit of Detection	Bq/Kg dry	±	—	Bq/Kg dry	0.16	Bq/Kg dry

T(Free)：Tritium(Free water) T(Organization)：Tritium(Organization bound water) Sr90：Strontium90

※The value below Minimum Limit of Detection does not necessary mean 0(zero)Bq/Kg.

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