

A Report of Toxic Substances in Dolphin Meat <No.1>

Provisional regulatory levels of mercury and PCBs set by the Japanese government:
Mercury (T-Hg):0.4ppm, Methyl mercury (M-Hg):0.3ppm, PCBs:0.5ppm

Source:

JP=The Japan Times, ENC=Elsa Nature Conservancy, Mr.Y=Mr. Junichiro Yamashita, Taiji Town Councilman, BlueVoice

Testing facilities (Laboratory):

JIFE=Japan Institute of Foods Ecology

NSBC=Nihon Shokuhin Bunseki Center (Japan Food Research Laboratories)

PHRC=Public Health Research Center of Ibaraki Pharmaceutical Association

JFHA=Japan Foods Hygiene Association

Dr. Endo=Dr. Tetsuya Endo at Health Science University of Hokkaido

NIMD=National Institute of Minamata Disease

Date	Sample	A:T-Hg(ppm)	B:M-Hg(ppm)	C:PCBs(ppm)	Extent of contamination	Testing facility	Source	Notes
Dec.4 , 2002	Dall's Porpoise	5,69	-	-	14.2 times higher than the maximum allowance level (m.a.l)	PHRC	ENC	Purchased at "Nakamon" in Ito city (meat from Miyagi)
Dec.4 , 2002	Dall's Porpoise	0,53	-	-	1.3 times higher than m.a.l	PHRC	ENC	Purchased at "Nagahama" in Ito city (meat from Miyagi)
Dec.4 , 2002	Dall's Porpoise	1,17	-	-	2.92 times higher than m.a.l	PHRC	ENC	Purchased at "Nagahama" in Ito city (meat from Miyagi)
Feb.17 , 2003	Dall's Porpoise	2,56	-	-	6.4 times higher than m.a.l	Dr. Endo	ENC	Purchased at "Nakamon" in Ito city (meat from Miyagi)
Feb.17 , 2003	Dall's Porpoise	2,39	-	-	5.97 times higher than m.a.l	Dr. Endo	ENC	Purchased at "Nagahama" in Ito city (meat from Miyagi)
Feb.17 , 2003	Dall's Porpoise	1,96	-	-	4.9times higher than m.a.l	Dr. Endo	ENC	Purchased at "Aoki," in Kawazu (meat from Miyagi)
Nov.11, 2004	Bottlenose dolphin	19,2	6~7 (Estimated)	-	A: 48 times higher than m.a.l B: 20~23 times higher than m.a.l	Dr. Endo	ENC	The Meat was from the drive hunt in Futo, Shizuoka prefecture in 2004.
Feb. 23,2006	Bottlenose dolphin	1,7	-	-	4 times higher than m.a.l	JFHA	JT	the drive hunt
Dec. 22,2006	Striped dolphin	5,4	-	-	13.5times higher than m.a.l	NSBC	JT	the drive hunt

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Provisional regulatory levels of mercury and PCBs set by the Japanese government:
Mercury (T-Hg):0.4ppm, Methyl mercury (M-Hg):0.3ppm, PCBs:0.5ppm

Date	Sample	A : T-Hg (ppm)	B : M-Hg (ppm)	C : PCBs (ppm)	Extent of contamination	Testing facility	Source	Notes
Feb.6, 2007	Gondou (belly)	3,82	-	-	9.55 times higher than m.a.l	PHRC	ENC	Gondou = Short finned Pilot whale the drive hunt
Feb.6, 2007	Gondou	1,31	-	-	3.27 times higher than m.a.l	PHRC	ENC	the drive hunt
Mar. 2, 2007	Common dolphin	1,66	-	-	4 times higher than m.a.l	NSBC	JT	the drive hunt
Mar. 2, 2007	Risso's dolphin	14,3	-	-	35.75 times higher than m.a.l	NSBC	JT	the drive hunt
Jun. 5, 2007	Magondou	4	3,1	0,27	A: 10 times higher than m.a.l B: 10.3 times higher than m.a.l	JIFE	Mr. Y.	Not from the drive hunt. The Seiwa-mar, a Coastal Whaling boat caught the gondou. Purchased at "Okuwa" in Shingu City. Magondou=short finned pilot whale
Jun. 22, 2007	Magondou(belly)	6,39	3,6	0,66	A: 15.97 times higher than m.a.l B: 12 times higher than m.a.l C: 1.32 times higher than m.a.l	NSBC	Mr.Y.	the drive hunt
Jul. 7, 2007	Magondou (Tail)	11,9	4,8	2,6	A: 29.75 times higher than m.a.l B: 16 times highet than m.a.l. C: 5.2 times higher than m.a.l.	NSBC	Mr. Y.	the drive hunt
Aug. 2, 2007	Gondou	3,84	-	-	9.6 times higher than m.a.l.	NSBC	JT	the drive hunt
Aug. 8, 2007	Gondou (skin with blubber)	2,42	0,34	0,13	A: 6.05 times higher than m.a.l. B: 1.13 times higher than m.a.l.	NSBC	Mr. Y.	the drive hunt
Sept. 21, 2007	Mairuka (belly)	2,98	2,18	-	A: 7.45 times higher than m.a.l. B: 7.26 times higher than m.a.l.	Dr. Endo	Mr. Y.	Mairuka=striped dolphin the drive hunt
Sept. 21, 2007	Magondou (belly)	11	6,63	-	A: 27.5 times higher than m.a.l. B: 22.1times higher than m.a.l.	Dr. Endo	Mr. Y.	the drive hunt
Sept. 21, 2007	Magondou(tail)	15,5	8,53	-	A: 38.75 times higher than m.a.l. B: 28.43 times higher than m.a.l.	Dr. Endo	Mr. Y.	the drive hunt

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Date	Sample	A : T-Hg (ppm)	B : M-Hg (ppm)	C : PCBs (ppm)	Extent of contamination	Testing facility	Source	Notes
Oct. 12, 2007	Gondou	10.4	-	-	26 times higher than m.a.l.	NSBC	JT	the drive hunt
Oct. 12, 2007	Gondou	11.8	-	-	29.5 times higher than m.a.l.	NSBC	JT	the drive hunt
Oct.12, 2007	Gondou	6.94	-	-	17.35 times higher than m.a.l.	NSBC	JT	the drive hunt
Mar.14, 2008	Bottlenose dolphin	7.2	1.6	0.05 (red meat) 1.4 (skin with blubber)	A: 18 times higher than m.a.l. B: 5.3times higher than m.a.l. C (skin with blubber) : 2.8times higher than m.a.l.	NSBC	Blue Voice	the drive hunt
Mai 08	Magondou	18.9	-	-	47.25 times higher than m.a.l.	NSBC	AERA June16,2008, Asahi Simbun Weekly	meat from Taiji or southern part of Wakayama prefecture
Mai 08	Gondou	13.3	-	-	33.25 times higher than m.a.l	NIMD	AERA June16,2008, Asahi Simbun Weekly	meat from Taiji or southern part of Wakayama prefecture
Mai 08	Gondou	15.7	-	-	39.25 times higher than m.a.l	NIMD	AERA June16,2008, Asahi Simbun Weekly	meat from Taiji or southern part of Wakayama prefecture
Mai 08	Gondou 8 parts of internal organs	1.23~64.6	-	-	3.08~161.50 times higher than m.a.l	NIMD	AERA June16,2008, Asahi Simbun Weekly	meat from Taiji or southern part of Wakayama prefecture
Mai 08	Bottlenose dolphin	4.34	-	-	10.85 times higher than m.a.l.(meat)	NIMD	AERA June16,2008, Asahi Simbun Weekly	meat from Taiji or southern part of Wakayama prefecture

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Mercury (T-Hg):0.4ppm, Methyl mercury (M-Hg):0.3ppm, PCBs:0.5ppm

Date	Sample	A : T-Hg (ppm)	B : M-Hg (ppm)	C : PCBs (ppm)	Extent of contamination	Testing facility	Source	Notes
-	Dall's Porpoise (red meat)	1,11	0,75	0,04	A: 2.775 times higher than m.a.l B: 2.5 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	
-	Dall's Porpoise	0,84	0,56	0,06	A: 2.1 times higher than m.a.l B: 1.866 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	meat from Iwate
-	Dall's Porpoise (blubber)	0,11	0,064	4,02	C: 8.04 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	
-	Dall's Porpoise	0,27	-	1,11	C: 2.22 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	meat from Sanriku or the Sea of Okhotsk
-	Dall's Porpoise	0,13	-	0,59	C: 1.18 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	meat from Sanriku
-	Dall's Porpoise (red meat)	0,96	0,58	0,08	A: 2.4 times higher than m.a.l B: 1.93 times higher than m.a.l	-	"POISONOUS POLICES;JAPAN'S FAILURE TO STOP THE SALE OF POLLUTED WHALE,DOLPHIN AND PORPOISE PRODUCTS," by Clare Perry,eia,2008	meat from Sanriku
Aug.21,2008	gondou (red meat and blubber)	6,09	3	9,2	A:15.225 time higher than m.a.l B:10 times higher than m.a.l C:18.4 times higher than m.a.l	NSBC	ENC	meat from Okinawa
Aug.21,2008	gondou (blubber)	0,86	0,18	1,9	A:2.15 time higher than m.a.l C:3.8 times higher than m.a.l	NSBC	ENC	meat from Okinawa
Aug.21,2008	gondou (red meat)	5,92	3,4	0,53	A:14.8 times higher than m.a.l B:11.3 times higher than m.a.l C:1.06 times higher than m.a.l	NSBC	ENC	meat from Okinawa
Aug.21,2008	gondou (meat around the bone)	11,7	5,4	1,1	A:29.25 time higher than m.a.l B:18 times higher than m.a.l C:2.2 times higher than m.a.l	NSBC	ENC	meat from Okinawa