






























































(국가명) 100 Samples of AFCI Projects (3 years) - Vietnam























No.	Food Groups	Samples management code	Native name	English name	Scientific name	Note
1	Cereals	GTE	Gạo tẻ (Bắc Hương)	Rice (Bac Huong variety)		1st Year
2		GN	Gạo nếp	Sticky rice	<i>Oryza sativa var. glutinosa</i>	1st Year
3		GT	Gạo tằm	Broken rice	<i>Oryza sativa var indica</i>	1st Year
4		NNE	Ngô nếp tươi	Fresh glutinous corn	<i>Zea mays var. ceratina</i>	1st Year
5		NNG	Ngô ngọt tươi	Fresh sweet corn	<i>Zea mays convar. saccharata var. rugosa</i>	1st Year
6		BB	Bánh bao	Dumpling		1st Year
7		PK	Phở khô	Dried Pho		2nd Year
8		BM	Bánh mì	Bread		2nd Year
9		BNG	Bông ngô	Popcorn		2nd Year
10		BKH	Bún khô	Dried vermicelli		2nd Year
11		MYS	Mỳ sợi (mỳ chủ)	Rice noodle		2nd Year
12		COM	Cốm	Green rice flake		2nd Year
13	Tubers	KLA	Khoai lang (mật)	Sweet potato	<i>Ipomoea batatas</i>	3rd Year
14		KTA	Khoai tây	Potato	<i>Solanum tuberosum</i>	3rd Year
15		KMO	Khoai môn	Indian taro	<i>Colocasia esculenta</i>	3rd Year
16		SAN	Củ sắn	Cassava	<i>Manihot esculenta</i>	3rd Year
17		SAD	Củ sắn dây	Japanese arrowroot	<i>Pueraria lobata var. thomsonii</i>	3rd Year
18		KHS	Khoai sọ	Taro	<i>Colocasia esculenta</i>	3rd Year
19		CTU	Củ từ	Lesser yam	<i>Dioscorea esculenta</i>	3rd Year
20		MIE	Miến dong	Arrowroot	<i>Maranta arundinacea</i>	3rd Year
21		BSD	Bột sắn dây	Japanese arrowroot powder		3rd Year
22		BNA	Bột năng	Tapioca starch		3rd Year
23	Seeds	DDO	Đậu đỏ	Adzuki bean	<i>Vigna angularis</i>	2nd Year
24		DAT	Đậu tương	Soybean	<i>Glycine max</i>	2nd Year
25		DAX	Đậu xanh	Mung bean	<i>Vigna radiata</i>	2nd Year
26		LAC	Hạt lạc	Peanut	<i>Arachis hypogaea</i>	2nd Year
27		HDU	Hạt hướng dương	Sunflower kernels	<i>Helianthus annuus</i>	2nd Year
28		OCC	Hạt óc chó	Walnut kernels	<i>Juglans nigra</i>	2nd Year
29		HNH	Hạt hạnh nhân	Almond	<i>Prunus dulcis</i>	2nd Year
30		MAC	Hạt macca	Macadamia	<i>Macadamia integrifolia</i>	2nd Year
31		DEC	Hạt dẻ cười	Pistachios	<i>Pistacia vera</i>	2nd Year
32		BDT	Bột đậu tương	Soybean powder		2nd Year
33		BDX	Bột đậu xanh	Green bean powder		2nd Year
34		DPH	Đậu phụ	Tofu		2nd Year
35		SDL	Sữa bột đậu nành	Soya milk		2nd Year
36		HDI	Hạt điều	Cashew nut	<i>Anacardium occidentale</i>	2nd Year
37	Vegetables	BAU	Bầu	Long melon	<i>Lagenaria siceraria</i>	2nd Year
38		BDA	Bí đao	Wax gourd	<i>Benincasa hispida</i>	2nd Year
39		BIN	Bí ngô	Pumpkin	<i>Cucurbita moschata</i>	2nd Year
40		CAR	Cà rốt vàng	Yellow carrot	<i>Daucus carota subsp. sativus</i>	2nd Year
41		CAB	Cải bắp	Cabbage	<i>Brassica oleracea var. capitata</i>	2nd Year
42		CAC	Cải cúc	Crown daisy	<i>Glebionis coronaria</i>	2nd Year
43		CXO	Cải xoong	Watercress	<i>Nasturtium officinale</i>	2nd Year
44		CAT	Cải thìa (cải ngọt)	Bok choy	<i>Brassica rapa subsp. chinensis</i>	2nd Year
45		CAN	Cần ta	Water celery	<i>Oenanthe javanica</i>	2nd Year
46		CCT	Cải củ trắng	Daikon	<i>Raphanus sativus var. Longipinnatus</i>	2nd Year
47		DCH	Dưa chuột	Cucumber	<i>Cucumis sativus</i>	2nd Year
48		MUT	Mướp ta	Sponge gourd	<i>Luffa aegyptiaca</i>	2nd Year
49		MUD	Mướp đắng	Bitter melon	<i>Momordica charantia</i>	2nd Year
50		NGA	Ngải cứu	Mugwort	<i>Artemisia vulgaris</i>	2nd Year
51		RBI	Rau bí	Pumpkin stems	<i>Cucurbita moschata</i>	2nd Year
52		RLA	Rau khoai lang	Sweet potato stems	<i>Ipomoea batatas</i>	2nd Year
53		SUH	Su hào	Kohlrabi	<i>Brassica oleracea Gongylodes Group</i>	2nd Year
54		SUS	Su su	Chayote	<i>Sechium edule</i>	2nd Year
55		SLT	Súp lơ trắng	Cauliflower	<i>Brassica oleracea var. botrytis</i>	2nd Year
56		SLX	Súp lơ xanh	Broccoli	<i>Brassica oleracea var. italica</i>	2nd Year
57		NKC	Nấm kim châm	Enoki mushroom	<i>Flammulina velutipes</i>	2nd Year
58	DAB	Quả đậu bắp	Okra	<i>Abelmoschus esculentus</i>	2nd Year	
59	BNR	Bưởi năm roi	Nam Roi grapefruit	<i>Citrus Grandis Cv.</i>	1st Year	
60	BD	Bưởi diễm	Dien grapefruit	<i>Citrus grandis (L.) Osbeck</i>	1st Year	
61	CS	Cam sành	Sweet oranges	<i>Citrus reticulata × sinensis</i>	1st Year	











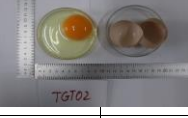































No.	Food Groups	Samples management code	Native name	English name	Scientific name	Note	
62	Fruits	CAX	Cam xoàn	Mandarin Orange	<i>Citrus sinensis L.</i>	1st Year	
63		CC	Chôm chôm	Rambutan	<i>Nephelium lappaceum</i>	1st Year	
64		NHA	Nhãn	Longan	<i>Dimocarpus longan</i>	1st Year	
65		VAI	Vải	Litchi	<i>Litchi chinensis</i>	1st Year	
66		CT	Chuối tây	Karpuravalli Banana	<i>Musa × paradisiaca</i>	1st Year	
67		CTA	Chuối ta	Cavendish banana	<i>Musa acuminata Cavendish Subgroup</i>	3rd Year	
68		DUH	Dưa hấu	Watermelon	<i>Citrullus lanatus</i>	3rd Year	
69		DUA	Dứa	Pinapple	<i>Ananas comosus</i>	2nd Year	
70		DAO	Đào	Peach	<i>Prunus persica</i>	2nd Year	
71		MAN	Mận	Chinese Plum	<i>Prunus salicina</i>	2nd Year	
72		DUD	Đu đủ gấc	Red papaya	<i>Carica papaya L.</i>	3rd Year	
73		HOX	Hồng xiêm	Sapota	<i>Manilkara zapota</i>	2nd Year	
74		MID	Mít dai	Common jackfruit	<i>Artocarpus heterophyllus</i>	2nd Year	
75		MIT	Mít Thái	Thai jackfruit	<i>Artocarpus heterophyllus Lam.</i>	3rd Year	
76		NA	Na	Custard apple	<i>Annona reticulata</i>	2nd Year	
77		OI	Ổi	Common guava	<i>Psidium guajava</i>	3rd Year	
78		NHO	Nho xanh Ninh Thuận	Green grape (Ninh Thuan)	<i>Vitis vinifera</i>	2nd Year	
79		TLT	Thanh Long trắng	Dragon fruit (common)	<i>Selenicereus undatus</i>	3rd Year	
80		TLD	Thanh Long đỏ	Red dragon fruit	<i>Hylocereus polyrhizus</i>	3rd Year	
81		QSG	Quít Sài gòn	Sai Gon tangerine	<i>Citrus reticulata</i>	2nd Year	
82		SAU	Sầu riêng	Durian	<i>Durio zibethinus</i>	3rd Year	
83		TME	Táo mèo	Docynia	<i>Docynia indica (Wall.) Decne.</i>	3rd Year	
84		VUS	Vú sữa	Star apple	<i>Chrysophyllum cainito</i>	3rd Year	
85		XTH	Xoài Thái Lan	Thai mango	<i>Mangifera indica L.</i>	3rd Year	
86		DUL	Dưa lưới	Cantaloupe	<i>Cucumis melo var. cantalupensis</i>	3rd Year	
87		MC	Mãng cụt	Mangosteen	<i>Garcinia mangostana</i>	1st Year	
88		CL	Quả chanh leo	Passion fruit	<i>Passiflora edulis</i>	1st Year	
89		Eggs	CGT	Trứng gà ta	Chicken egg	<i>Gallus gallus domesticus</i>	1st Year
90			TV	Trứng vịt	Duck egg	<i>Anas platyrhynchos domesticus</i>	1st Year
91			TCC	Trứng chim cú	Quail egg	<i>Coturnix japonica</i>	1st Year
92	TC		Trứng cá	Fish egg	<i>Cyprinus carpio</i>	1st Year	
93	TVL		Trứng vịt lộn	Fertilized duck egg	<i>Anas platyrhynchos domesticus</i>	3rd Year	
94	TCL		Trứng chim cú lộn	Fertilized quail egg	<i>Coturnix japonica</i>	3rd Year	
95	Milk	SBK	Sữa bò tươi không đường	Fresh dairy milk with out sugar		3rd Year	
96		SDK	Sữa dê tươi không đường	Fresh goat milk with out sugar		3rd Year	
97		SCK	Sữa chua không đường	Yoghurt without sugar		3rd Year	
98		SDC	Sữa đặc có đường	Condensed milk		3rd Year	
99		PHO	Pho mát	Cheese		3rd Year	
100		BO	Bơ	Butter		3rd Year	

No.	Code		Food name				Date of pretreatment	Photo					
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging
1	GTE01		Gạo tẻ Bắc Hương	Rice (Bac Huong variety)		Oryza sativa	12/7/2022						
	GTE02												
	GTE03												
2	GN01		Gạo nếp	Glutinous rice		Oryza sativa var. glutinosa	27/6/2022						
	GN02												
	GN03												
3	GT01		Gạo tấm	Broken rice		Oryza sativa sp.	12/7/2022						
	GT02												
	GT03												
4	NNE01		Ngô nếp tươi	Fresh glutinous corn		Zea mays var. ceratina	29/9/2022						
	NNE02												













No.	Code		Food name				Date of pretreatment	Photo							
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging		
	NNE03														
5	NNG01		Ngô ngọt tươi	Fresh sweet corn		Zea mays convar. saccharata var. rugosa	29/9/2022								
	NNG02														
	NNG03														
6	BB01		Bánh bao	Dumpling			28/6/2022								
	BB02														
	BB03														
7	BNR01		Bưởi năm roi	Nam Roi grapefruit		Citrus Grandis Cv.	15/11/2022								
	BNR02														
	BNR03														
	BD01														

No.	Code		Food name				Date of pretreatment	Photo					
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging
8	BD02		Bưởi Diễn	Dien grapefruit		Citrus grandis (L.) Osbeck	6/12/2022						
	BD03												
9	CS01		Cam sành	Sweet oranges		Citrus reticulata × sinensis	6/12/2022						
	CS02												
	CS03												
10	CAX01		Cam xoàn	Mandarin Orange		Citrus sinensis L.	15/11/2022						
	CAX02												
	CAX03												
11	CC01		Chôm chôm	Rambutan		Rambutan	6/7/2022						
	CC02												
	CC03												
	NHA01												

No.	Code		Food name				Date of pretreatment	Photo					
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging
12	NHA02		Nhãn	Longan		Dimocarpus longan	10/8/2022						
	NHA03												
13	VAI01		Vải	Litchi		Litchi chinensis	27/6/2022						
	VAI02												
	VAI03												
14	CT01		Chuối tây	Karpuravalli Banana		Musa x paradisiaca	20/9/2022						
	CT02												
	CT03												
15	MC01		Mãng cầu	Mangosteen		Garcinia mangostana	6/7/2022						
	MC02												
	MC03												
CL01													

No.	Code		Food name				Date of pretreatment	Photo					
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging
16	CL02		Chanh leo	Passion fruit		Passiflora edulis	10/8/2022						
	CL03												
17	TGT01		Trứng gà ta	Chicken eggs		Gallus gallus domesticus	28/6/2022						
	TGT02												
	TGT03												
18	TV01		Trứng vịt	Duck eggs		Anas platyrhynchos domesticus	20/9/2022						
	TV02												
	TV03												
19	TCC01		Trứng chim cút	Quail eggs		Coturnix japonica	20/9/2022						
	TCC02												
	TCC03												










No.	Code		Food name				Date of pretreatment	Photo					
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Whole	Cross section	Edible part	Inedible part (discarded part)	Front of the packaging	Back of the packaging
20	TC01		Trứng cá	Fish eggs		Cyprinus carpio	20/9/2022						
	TC02												
	TC02												

No.	Code		Food name				Date of pretreatment	Photo			Collection information				Edible/inedible part			
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Information of raw materials	Information of nutrition facts	Others	Collection area	Collection date	Basis of sample selection	Additional collection information	Weight of whole part (g/1 piece)	Weight of edible part (g/1 piece)	Inedible part (discarded part)	Weight of inedible part (g/1 piece)
1	GTE01		Gạo tẻ Bắc Hương	Rice (Bac Huong variety)		Oryza sativa	12/7/2022				Nam Dinh province	11/7/2022	Collect new data and develop food nutrition handbooks					
	GTE02										Ha Nam province							
	GTE03										Thai Binh province							
2	GN01		Gạo nếp	Glutinous rice		Oryza sativa var. glutinosa	27/6/2022		N/A		Thai Binh province	27/6/2022	Collect new data and develop food nutrition handbooks					
	GN02								N/A		Cao Bang province							
	GN03								N/A		Tien Giang province							
3	GT01		Gạo tằm	Broken rice		Oryza sativa sp.	12/7/2022		N/A		Ho Chi Minh city	11/7/2022	Collect new data and develop food nutrition handbooks					
	GT02								Saturated fat: 0.29g Natri: 0.73mg Total carbohydrate: 36.2g Protein: 2.84g Canxi: 2.89g Fe: 0.14 mg Kali: 28mg		Long An province							
	GT03								N/A		An Giang province							
4	NNE01		Ngô nếp tươi	Fresh glutinous corn		Zea mays var. ceratina	29/9/2022				Ha Noi city	28/9/2022	Collect new data and develop food nutrition handbooks					
	NNE02										Bac Ninh province							
	NNE03										Hung Yen province							

No.	Code		Food name				Date of pretreatment	Photo			Collection information				Edible/inedible part			
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Information of raw materials	Information of nutrition facts	Others	Collection area	Collection date	Basis of sample selection	Additional collection information	Weight of whole part (g/1 piece)	Weight of edible part (g/1 piece)	Inedible part (discarded part)	Weight of inedible part (g/1 piece)
5	NNG01		Ngô ngọt tươi	Fresh sweet corn		Zea mays convar. saccharata var. rugosa	29/9/2022				Ha Noi city	28/9/2022	Collect new data and develop food nutrition handbooks		51,72	18,14	corn cob	31,7
	NNG02										Bac Ninh province			71,12	44,48	corn cob	26,64	
	NNG03										Hung Yen province			54,1	28,29	corn cob	25,81	
6	BB01		Bánh bao	Dumpling			28/6/2022		us a, sugars,	N/A	Binh Duong province	27/6/2022	Collect new data and develop food nutrition handbooks					
	BB02								hortening,	Water < 37.62% Nitrogen content: > 7.56% Carbohydrate content > 42.57% Fat content > 8.46%	Ho Chi Minh city							
	BB03								ning,	Water <= 40g% Protein content: >= 8g% Carbohydrate content >= 40g% Fat content >= 7g%	Ha Noi city							
7	BNR01		Bưởi năm roi	Nam Roi grapefruit		Citrus Grandis Cv.	15/11/2022				Vinh Long province	14/11/2022	Collect new data and develop food nutrition handbooks		1178,43	757,04	Fruit peel, fruit flesh membrane	421,39
	BNR02										Can Tho city							
	BNR03										Hau Giang province							
8	BD01		Bưởi Diễn	Diem grapefruit		Citrus grandis (L.) Osbeck	6/12/2022				Ha Noi city	5/12/2022	Collect new data and develop food nutrition handbooks		1206,52	581,51	Fruit peel, fruit flesh membrane	625,01
	BD02										Phu Tho province			1080,31	534,55	Fruit peel, fruit flesh membrane	545,76	
	BD03										Hung Yen province			989,67	387,36	Fruit peel, fruit flesh membrane	602,31	

No.	Code		Food name				Date of pretreatment	Photo			Collection information				Edible/inedible part			
	Sample management code	Food composition database code	Common name (Native language)	Common name (English)	Characteristics (English)	Scientific name		Information of raw materials	Information of nutrition facts	Others	Collection area	Collection date	Basis of sample selection	Additional collection information	Weight of whole part (g/1 piece)	Weight of edible part (g/1 piece)	Inedible part (discarded part)	Weight of inedible part (g/1 piece)
9	CS01		Cam sành	Sweet oranges		Citrus reticulata × sinensis	6/12/2022				Vinh Long province	5/12/2022	Collect new data and develop food nutrition handbooks		256,93	128,25	Fruit peel, fruit flesh membrane	128,68
	CS02										Can Tho city			335,45	142,13	Fruit peel, fruit flesh membrane	193,32	
	CS03										Ha Giang province			290,57	178,36	Fruit peel, fruit flesh membrane	112,21	
10	CAX01		Cam xoàn	Mandarin Orange		Citrus sinensis L.	15/11/2022				Hau Giang province	14/11/2022	Collect new data and develop food nutrition handbooks					
	CAX02										Vinh Long province							
	CAX03										Dong Thap province							
11	CC01		Chôm chôm	Rambutan		Rambutan	6/7/2022				Ben Tre province	5/7/2022	Collect new data and develop food nutrition handbooks					
	CC02										Tra Vinh province							
	CC03										Dong Thap province							
12	NHA01		Nhãn	Longan		Dimocarpus longan	10/8/2022				Hung Yen province	9/8/2022	Collect new data and develop food nutrition handbooks					
	NHA02										Son La province							
	NHA03										Ba Ria - Vung Tau province							
13	VAI01		Vải	Litchi		Litchi chinensis	27/6/2022				Hai Duong province	27/6/2022	Collect new data and develop food nutrition handbooks					
	VAI02										Bac Giang province							

No.	Code		Food name				Date of pretreatment	Photo			Collection information				Edible/inedible part			
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	VAI03										Quang Ninh province							
14	CT01		Chuối tây	Karpuravalli Banana		Musa x paradisiaca	20/9/2022				Ha Noi city	19/9/2022	Collect new data and develop food nutrition handbooks		79,06	63,45	Fruit peel	15,61
	CT02									Bac Ninh province				74,44	58,63	Fruit peel	15,81	
	CT03									Hung Yen province				88,68	67,85	Fruit peel	20,83	
15	MC01		Mãng cầu	Mangosteen		Garcinia mangostana	6/7/2022				Lam Dong province	5/7/2022	Collect new data and develop food nutrition handbooks					
	MC02									Tien Giang province								
	MC03									Dong Thap province								
16	CL01		Chanh leo	Passion fruit		Passiflora edulis	10/8/2022				Dak Lak province	9/8/2022	Collect new data and develop food nutrition handbooks					
	CL02									Son La province								
	CL03									Lam Dong province								
17	TGT01		Trứng gà ta	Chicken eggs		Gallus gallus domesticus	28/6/2022		H2S: negative Protein: 10 - 15% Lipid: 4-6% H/L melamine: negative H/L Oxitetraxylene: negative		Bac Ninh province	27/6/2022	Collect new data and develop food nutrition handbooks		72,18	63,41	egg shell	8,77
	TGT02							Lipid >= 8% Protit >= 13%		Ha Noi city				66,45	58,01	egg shell	8,44	
	TGT03							Lipid >= 8% Protit >= 13%		Ha Noi city				61,61	53,66	egg shell	7,95	

No.	Code		Food name				Date of pretreatment	Photo			Collection information				Edible/inedible part			
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18	TV01		Trứng vịt	Duck eggs		Anas platyrhynchos domesticus	20/9/2022		N/A		Ha Noi city	19/9/2022	Collect new data and develop food nutrition handbooks		62,1	54,55	egg shell	7,55
	TV02								Protein: 10 - 15%		Bac Ninh province			70,32	63,74	egg shell	6,58	
	TV03								N/A		Hung Yen province			70,27	63,17	egg shell	7,1	
19	TCC01		Trứng chim cút	Quail eggs		Coturnix japonica	20/9/2022		N/A		Ha Noi city	19/9/2022	Collect new data and develop food nutrition handbooks		45,03	39,97	egg shell	5,06
	TCC02								Protein: 10 - 15%		Bac Ninh province			54,23	49,02	egg shell	5,21	
	TCC03								N/A		Hung Yen province			39,42	34,86	egg shell	4,56	
20	TC01		Trứng cá	Fish eggs		Cyprinus carpio	20/9/2022				Ha Nam province	19/9/2022	Collect new data and develop food nutrition handbooks					
	TC02										Ha Noi city							
	TC02										Phu Tho province							

per 100g Edible Portion

Index	Food groups	Food and Description	Pronunciation of Food Name in English	Food and Description(English)	Water	Protein	Fat	Ash	Cellulose	Iron	Zinc	Vitamin B1	Vitamin B2	Vitamin C
					WATER	PROT	FATCE	ASH		FE	ZN			VITC
					g	g	g	g	g	mg	mg	µg	µg	mg
1	Cereals	Bánh Bao	Banh bao	Dumpling	39,3	8,49	9,32	1,13	N/A	N/A	N/A	N/A	N/A	N/A
2	Cereals	Gạo nếp	Gao nep	Glutinous rice	8,7	7,22	0,65	0,52	N/A	N/A	N/A	N/A	N/A	N/A
3	Cereals	Gạo tằm	Gao tam	Broken rice	11,2	7,23	1,17	0,19	N/A	N/A	N/A	N/A	N/A	N/A
4	Cereals	Ngô nếp tươi	Ngo nep tuoi	Fresh glutinous corn	61,1	3,34	1,78	0,97	N/A	N/A	N/A	N/A	N/A	N/A
5	Cereals	Ngô ngọt tươi	Ngo ngọt tuoi	Fresh sweet corn	78,0	3,19	1,47	0,71	N/A	N/A	N/A	N/A	N/A	N/A
6	Cereals	Gạo tẻ Bắc Hương	Gao te Bac Huong	Rice (Bac Huong variety)	12,4	6,04	1,24	0,64	N/A	N/A	N/A	N/A	N/A	N/A
7	Fruits	Chôm chôm	Chom chom	Rambutan	80,1	1,03	0,15	0,43	0,47	N/A	N/A	71,43	62,83	60,97
8	Fruits	Vải	Vai	Litchi	85,5	0,90	0,10	0,46	0,19	N/A	N/A	70,60	64,20	46,60
9	Fruits	Nhãn	Nhan	Longan	82,6	1,11	0,24	0,64	0,25	N/A	N/A	18,30	25,23	105,10
10	Fruits	Mãng cụt	Mang cut	Mangosteen	83,7	0,49	0,09	0,16	0,62	N/A	N/A	197,63	22,17	1,80
11	Fruits	Chanh leo	Chanh leo	Passion fruit	75,6	2,16	2,55	0,66	5,12	N/A	N/A	14,17	0,00	19,20
12	Fruits	Bưởi Năm Roi	Buoi Nam Roi	Nam Roi grapefruit	90,1	0,88	0,10	0,40	0,22	N/A	N/A	74,07	17,20	38,80
13	Fruits	Cam xoàn	Cam xoan	Mandarin orange	89,9	0,77	0,01	0,44	0,67	N/A	N/A	37,90	18,23	43,05
14	Fruits	Cam sành	Cam sanh	Sweet oranges	89,7	0,62	0,07	0,29	0,85	N/A	N/A	26,57	14,60	24,23
15	Fruits	Chuối tây	Chuai tay	Karpuravalli Banana	66,1	0,92	0,20	0,80	0,41	N/A	N/A	47,73	31,23	11,08
16	Fruits	Bưởi Diễn	Buoi Dien	Dien grapefruit	88,0	0,54	0,12	0,40	0,26	N/A	N/A	69,87	15,67	90,13
17	Eggs	Trứng gà ta	Trung ga ta	Chicken egg	76,7	12,46	8,33	0,81	N/A	4,05	5,55	N/A	N/A	N/A
18	Eggs	Trứng cá	Trung ca	Fish egg	69,9	22,86	4,58	1,36	N/A	1,40	11,34	N/A	N/A	N/A
19	Eggs	Trứng vịt	Trung vit	Duck egg	59,4	12,98	12,91	1,06	N/A	3,13	1,52	N/A	N/A	N/A
20	Eggs	Trứng chim cút	Trung chim cut	Quail egg	72,3	12,64	12,32	1,36	N/A	0,86	1,27	N/A	N/A	N/A

* NA: no analysis

per 100g Edible Portion

No.	Food Code	Food and Description(English)	Water (g/100g)					Protein (g/100g)					Fat (g/100g)				
			1	2	3	Mean	S.D.	1	2	3	Mean	S.D.	1	2	3	Mean	S.D.
1	BB	Dumbling	48,1	32,4	37,4	39,3	36,4	8,14	8,73	8,60	8,49	8,61	7,13	11,29	9,55	9,32	10,05
2	GN	Glutinous rice	7,9	9,9	8,2	8,7	8,9	6,57	7,40	7,70	7,22	7,44	0,69	0,76	0,50	0,65	0,64
3	GT	Broken rice	10,6	10,7	12,3	11,2	11,4	8,20	7,51	5,99	7,23	6,91	1,10	1,06	1,36	1,17	1,20
4	NNE	Fresh glutinous corn	60,6	61,9	60,7	61,1	61,2	3,12	3,46	3,43	3,34	3,41	1,72	1,79	1,84	1,78	1,80
5	NNG	Fresh sweet corn	77,7	77,9	78,5	78,0	78,1	3,10	3,12	3,36	3,19	3,22	1,57	1,29	1,54	1,47	1,43
6	GTE	Rice (Bac Huong variety)	12,5	12,2	12,4	12,4	12,3	5,86	6,08	6,19	6,04	6,10	1,10	1,13	1,49	1,24	1,29
7	CC	Rambutan	79,8	81,1	79,5	80,1	80,3	0,98	1,19	0,91	1,03	1,04	0,17	0,23	0,06	0,15	0,15
8	VAI	Litchi	89,3	84,8	82,4	85,5	84,2	0,98	1,11	0,60	0,90	0,87	0,10	0,08	0,11	0,10	0,10
9	NHA	Longan	83,8	82,0	81,9	82,6	82,1	1,06	1,36	0,91	1,11	1,13	0,23	0,29	0,19	0,24	0,24
10	MC	Mangosteen	82,2	84,0	84,9	83,7	84,2	0,54	0,50	0,44	0,49	0,48	0,11	0,08	0,09	0,09	0,09
11	CL	Passion fruit	76,5	74,9	75,5	75,6	75,3	2,21	2,09	2,19	2,16	2,15	2,41	2,65	2,59	2,55	2,60
12	BNR	Nam Roi grapefruit	90,1	90,5	89,7	90,1	90,1	0,91	0,88	0,85	0,88	0,87	0,11	0,09	0,10	0,10	0,10
13	CAXO	Mandarin orange	89,8	88,3	91,7	89,9	90,0	0,82	0,77	0,72	0,77	0,75	0,01	0,02	0,01	0,01	0,01
14	CS	Sweet oranges	90,1	88,2	90,7	89,7	89,5	0,58	0,61	0,67	0,62	0,63	0,09	0,09	0,03	0,07	0,06
15	CT	Karpuravalli Banana	66,2	65,8	66,2	66,1	66,0	0,89	0,97	0,91	0,92	0,93	0,23	0,17	0,19	0,20	0,19
16	BD	Dien grapefruit	87,8	89,0	87,3	88,0	88,1	0,63	0,57	0,41	0,54	0,51	0,08	0,19	0,10	0,12	0,14
17	TGT	Chicken egg	76,6	78,5	74,9	76,7	76,7	12,47	12,11	12,81	12,46	12,46	8,68	6,87	9,45	8,33	8,22
18	TC	Fish egg	69,6	71,2	68,9	69,9	70,0	23,14	21,48	23,95	22,86	22,76	4,15	5,12	4,47	4,58	4,72
19	TV	Duck egg	71,9	71,2	35,2	59,4	55,3	12,31	13,67	12,97	12,98	13,21	12,99	13,11	12,62	12,91	12,88
20	TCC	Quail egg	76,0	68,7	72,2	72,3	71,1	12,86	12,83	12,24	12,64	12,57	11,95	12,70	12,30	12,32	12,44

* NA: no analysis

per 100g Edible Portion

No.	Food Code	Food and Description(English)	Ash (g/100g)					Cellulose (g/100g)					Vitamin C (mg/100g)					Vitamin B1 (µg/100g)				
			1	2	3	Mean	S.D.	1	2	3	Mean	S.D.	1	2	3	Mean	S.D.	1	2	3	Mean	S.D.
1	BB	Dumbling	1,03	1,13	1,23	1,13	1,16	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
2	GN	Glutinous rice	0,32	0,76	0,49	0,52	0,59	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
3	GT	Broken rice	0,14	0,27	0,16	0,19	0,21	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
4	NNE	Fresh glutinous corn	0,93	1,02	0,96	0,97	0,98	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
5	NNG	Fresh sweet corn	0,71	0,77	0,65	0,71	0,71	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
6	GTE	Rice (Bac Huong varierty)	0,65	0,57	0,70	0,64	0,64	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
7	CC	Rambutan	0,29	0,56	0,43	0,43	0,47	0,42	0,45	0,54	0,47	0,49	61,50	72,40	49,00	60,97	60,79	94,40	65,50	54,40	71,43	63,78
8	VAI	Litchi	0,47	0,42	0,48	0,46	0,45	0,19	0,22	0,16	0,19	0,19	46,50	40,80	52,50	46,60	46,63	72,70	73,80	65,30	70,60	69,90
9	NHA	Longan	0,73	0,75	0,45	0,64	0,61	0,21	0,29	0,26	0,25	0,27	104,50	67,40	143,40	105,10	105,30	21,30	13,90	19,70	18,30	17,30
10	MC	Mangosteen	0,04	0,20	0,25	0,16	0,20	0,67	0,71	0,48	0,62	0,60	1,50	1,40	2,50	1,80	1,90	226,70	181,90	184,30	197,63	187,94
11	CL	Passion fruit	0,67	0,75	0,55	0,66	0,65	4,97	6,18	4,20	5,12	5,17	19,70	21,20	16,70	19,20	19,03	14,40	14,30	13,80	14,17	14,09
12	BNR	Nam Roi grapefruit	0,30	0,41	0,49	0,40	0,43	0,19	0,25	0,22	0,22	0,23	34,08	43,15	39,16	38,80	40,37	70,60	71,00	80,60	74,07	75,22
13	CAXO	Mandarin orange	0,52	0,35	0,45	0,44	0,41	0,78	0,61	0,62	0,67	0,63	40,49	54,05	34,60	43,05	43,90	38,70	41,00	34,00	37,90	37,63
14	CS	Sweet oranges	0,20	0,39	0,27	0,29	0,32	0,81	0,90	0,85	0,85	0,87	23,30	29,80	19,60	24,23	24,54	25,70	33,10	20,90	26,57	26,86
15	CT	Karpuravalli Banana	0,80	0,87	0,73	0,80	0,80	0,38	0,41	0,44	0,41	0,42	10,53	14,12	8,58	11,08	11,26	52,40	46,40	44,40	47,73	46,18
16	BD	Dien grapefruit	0,50	0,37	0,32	0,40	0,36	0,27	0,20	0,31	0,26	0,26	79,90	93,50	97,00	90,13	93,54	70,20	65,90	73,50	69,87	69,76
17	TGT	Chicken egg	0,79	0,68	0,97	0,81	0,82	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
18	TC	Fish egg	1,61	1,20	1,27	1,36	1,28	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
19	TV	Duck egg	1,04	1,16	0,99	1,06	1,07	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####
20	TCC	Quail egg	1,03	1,61	1,45	1,36	1,47	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#DIV/0!	#####

* NA: no analysis

per 100g Edible Portion

No.	Food Code	Food and Description(English)	Vitamin B2 (µg/100g)					Iron (mg/100g)					Zinc (mg/100g)				
			1	2	3	Mean	S.D.	1	2	3	Mean	S.D.	1	2	3	Mean	S.D.
1	BB	Dumbling	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
2	GN	Glutinous rice	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
3	GT	Broken rice	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
4	NNE	Fresh glutinous corn	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
5	NNG	Fresh sweet corn	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
6	GTE	Rice (Bac Huong variety)	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
7	CC	Rambutan	89,60	51,10	47,80	62,83	53,91	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
8	VAI	Litchi	57,70	65,90	69,00	64,20	66,37	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
9	NHA	Longan	18,80	23,10	33,80	25,23	27,38	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
10	MC	Mangosteen	16,80	20,50	29,20	22,17	23,96	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
11	CL	Passion fruit	0,00	0,00	0,00	0,00	0,00	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
12	BNR	Nam Roi grapefruit	17,10	17,00	17,50	17,20	17,23	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
13	CAXO	Mandarin orange	17,70	20,30	16,70	18,23	18,41	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
14	CS	Sweet oranges	15,50	14,90	13,40	14,60	14,30	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
15	CT	Karpuravalli Banana	27,90	33,40	32,40	31,23	32,34	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
16	BD	Dien grapefruit	15,00	17,90	14,10	15,67	15,89	NA	NA	NA	#####	#####	NA	NA	NA	#####	#####
17	TGT	Chicken egg	NA	NA	NA	#####	#####	2,42	5,97	3,77	4,05	4,60	7,55	2,38	6,72	5,55	4,88
18	TC	Fish egg	NA	NA	NA	#####	#####	2,17	0,48	1,55	1,40	1,14	9,31	15,40	9,30	11,34	12,01
19	TV	Duck egg	NA	NA	NA	#####	#####	2,37	3,19	3,82	3,13	3,38	1,06	1,07	2,44	1,52	1,68
20	TCC	Quail egg	NA	NA	NA	#####	#####	1,07	0,28	1,22	0,86	0,79	1,57	1,45	0,78	1,27	1,17

* NA: no analysis

ANALYSIS NUTRIENTS AND METHODS

No.	Nutrients	Analysis Method	Reference
1	Water (Moisture)	Gravimetric method	ISO 711:1985 (TCVN 9706:2013); ISO 1026:1982 (TCVN 5366-1991)
2	Crude Protein	Kjeldahl method	ISO 20483:2013 (TCVN 8125:2015); EN 12135:1997 (TCVN 10385:2014)
3	Fat	Soxhlet method	ISO 11085:2015 (TCVN 6555:2017)
4	Ash	Incineration method	ISO 2171:2007 (TCVN 8124:2009); EN 1135:1994 (TCVN 10691:2015);
5	Cellulose	Gravimetric method	ISO 15598:1999 (TCVN 5714:2007)
6	Vitamin C	HPLC	EN 14130:2003 (TCVN 8977:2011)
7	Vitamin B1	HPLC	EN 14122:2014 (TCVN 5164:2018)
8	Vitamin B2	HPLC	EN 14152:2014 (TCVN 8975:2018)
9	Iron	Atomic absorption spectrophotometry after microwave digestion	TCVN 8126:2009
10	Zinc		
11	Copper		
12	Cadmium		
13	Lead		
14	Phosphorus	Colorimetric method	TCVN: 9043:2012
15	Nitrogen	Kjeldahl method	ISO 20483:2013 (TCVN 8125:2015); EN 12135:1997 (TCVN 10385:2014)
16	Vitamin A	HPLC	EN 1283-2:2000 (TCVN 8972-2:2011)