

Table 4. CAROTENOIDS

(All values are expressed per 100g edible portion; All blank space in the table represent below detectable limit)

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXN	CARTG	CARTA	CARTB	CARTOID
A CEREALS AND MILLETS										
A001	Amaranth seed, black (<i>Amaranthus cruentus</i>)	1	10.25							121
A002	Amaranth seed, pale brown (<i>Amaranthus cruentus</i>)	6	4.11±1.16							59.68±3.09
A003	Bajra (<i>Pennisetum typhoideum</i>)	6	29.69±8.72	9.30±1.23					28.23±9.42	293±55.7
A004	Barley (<i>Hordeum vulgare</i>)	6	5.39±2.77	1.90±0.35						69.87±28.88
A005	Jowar (<i>Sorghum vulgare</i>)	6	9.08±1.77	7.48±2.41					8.29±1.30	212±48.9
A006	Maize, dry (<i>Zea mays</i>)	6	186±19.4	42.4±15.7		110±10.1			186±19.2	893±154
A007	Maize, tender, local (<i>Zea mays</i>)	6	110±28.1	26.53±3.59		37.26±4.60			36.27±11.33	1428±225
A008	Maize, tender, sweet (<i>Zea mays</i>)	4	108±25.0	28.19±4.22		58.41±4.60			47.01±6.23	1035±154
A009	Quinoa (<i>Chenopodium quinoa</i>)	1	11.88	10.05					5.12	153
A010	Ragi (<i>Eleusine coracana</i>)	5	25.53±5.82	1.45±0.23					1.53±0.25	154±25.6
A011	Rice flakes (<i>Oryza sativa</i>)	6	1.46±0.25							33.61±4.26
A012	Rice puffed (<i>Oryza sativa</i>)	6	1.51±0.31							50.46±4.52
A013	Rice, raw, brown (<i>Oryza sativa</i>)	6	13.15±4.03							159±13.9
A014	Rice, parboiled, milled (<i>Oryza sativa</i>)	6	1.46±0.72							46.90±8.29
A015	Rice, raw, milled (<i>Oryza sativa</i>)	6	1.49±0.46							16.87±5.61
A016	Samai (<i>Panicum miliare</i>)	6	7.82±1.76	5.24±1.66					1.91±0.89	120±9.0
A017	Varagu (<i>Setaria italica</i>)	5	59.40±7.01	3.91±1.08					1.41±0.29	272±25.1
A018	Wheat flour, refined (<i>Triticum aestivum</i>)	6	24.41±9.21	1.30±0.72					1.97±0.80	270±69.0

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A019	Wheat flour, atta (<i>Triticum aestivum</i>)	6	42.12 \pm 11.27	1.31 \pm 0.69					2.67 \pm 1.29	284 \pm 31.9
A020	Wheat, whole (<i>Triticum aestivum</i>)	6	52.56 \pm 5.67	1.47 \pm 0.68					3.03 \pm 2.13	287 \pm 40.5
A021	Wheat, bulgur (<i>Triticum aestivum</i>)	6	47.67 \pm 13.64	1.06 \pm 0.80					2.55 \pm 0.85	191 \pm 15.1
A022	Wheat, semolina (<i>Triticum aestivum</i>)	6	29.94 \pm 7.39	1.13 \pm 0.66					1.60 \pm 0.59	276 \pm 29.9
A023	Wheat, vermicelli (<i>Triticum aestivum</i>)	6	19.31 \pm 5.80	0.89 \pm 0.57					1.68 \pm 0.31	39.54 \pm 5.33
A024	Wheat, vermicelli, roasted (<i>Triticum aestivum</i>)	6	12.89 \pm 4.12	1.08 \pm 0.42					0.92 \pm 0.58	21.33 \pm 5.71

B GRAIN LEGUMES

94	B001	Bengal gram, dal (<i>Cicer arietinum</i>)	6	314 \pm 82.4	1.05 \pm 0.44				165 \pm 22.8	1018 \pm 16.9
	B002	Bengal gram, whole (<i>Cicer arietinum</i>)	6	385 \pm 39.4	24.74 \pm 12.0				172 \pm 21.0	999 \pm 240
	B003	Black gram, dal (<i>Phaseolus mungo</i>)	6	83.87 \pm 22.87					10.11 \pm 2.10	279 \pm 54.8
	B004	Black gram, whole (<i>Phaseolus mungo</i>)	6	95.42 \pm 2.13					12.80 \pm 0.50	463 \pm 34.2
	B005	Cowpea, brown (<i>Vigna catjang</i>)	6	83.34 \pm 26.30					7.08 \pm 1.58	218 \pm 16.8
	B006	Cowpea, white (<i>Vigna catjang</i>)	1	78.52					8.21	250
	B007	Field bean, black (<i>Phaseolus vulgaris</i>)	1	48.99						207
	B008	Field bean, brown (<i>Phaseolus vulgaris</i>)	1	53.18						254
	B009	Field bean, white (<i>Phaseolus vulgaris</i>)	5	58.47 \pm 4.55						256 \pm 33.2
	B010	Green gram, dal (<i>Phaseolus aureus</i>)	6	113 \pm 22.6	2.98 \pm 1.73				122 \pm 2.7	619 \pm 61.9
	B011	Green gram, whole (<i>Phaseolus aureus</i>)	6	187 \pm 20.7	5.63 \pm 2.50				137 \pm 33.5	889 \pm 106
	B012	Horse gram, whole (<i>Dolichos biflorus</i>)	6	67.26 \pm 9.84	2.92 \pm 1.81				58.57 \pm 9.13	267 \pm 42.8
	B013	Lentil dal (<i>Lens culinaris</i>)	6	5.92 \pm 3.05					6.34 \pm 0.82	812 \pm 93.3

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B014	Lentil whole, brown (<i>Lens culinaris</i>)	6	6.85 \pm 2.24						10.29 \pm 1.09	924 \pm 89.0
B015	Lentil whole, yellowish (<i>Lens culinaris</i>)	2	7.76						12.64	939
B016	Moth bean (<i>Vigna aconitifolia</i>)	6	148 \pm 21.2						3.57 \pm 1.03	622 \pm 72.9
B017	Peas, dry (<i>Pisum sativum</i>)	6	474 \pm 35.6	23.41 \pm 7.12					65.71 \pm 8.07	933 \pm 94.1
B018	Rajmah, black (<i>Phaseolus vulgaris</i>)	2	6.38						1.95	86.67
B019	Rajmah, brown (<i>Phaseolus vulgaris</i>)	6	7.18 \pm 1.82						2.16 \pm 0.50	90.26 \pm 14.96
B020	Rajmah, red (<i>Phaseolus vulgaris</i>)	3	6.76 \pm 2.55						1.60 \pm 0.24	103 \pm 29.2
B021	Red gram, dal (<i>Cajanus cajan</i>)	6	11.69 \pm 1.31						127 \pm 26.3	484 \pm 90.6
B022	Red gram, whole (<i>Cajanus cajan</i>)	6	25.25 \pm 6.15						149 \pm 21.0	579 \pm 44.8
B023	Ricebean (<i>Vigna umbellata</i>)	1	6.88							29.02
B024	Soya bean, brown (<i>Glycine max</i>)	6	35.47 \pm 13.69						3.50 \pm 1.01	262 \pm 22.4
B025	Soya bean, white (<i>Glycine max</i>)	1	28.50						2.82	282
C GREEN LEAFY VEGETABLES										
C001	Agathi leaves (<i>Sesbania grandiflora</i>)	1	12941	559					12582	36087
C002	Amaranth leaves, green (<i>Amaranthus gangeticus</i>)	6	8397 \pm 1005	164 \pm 32.3					8553 \pm 1813	20473 \pm 1060
C003	Amaranth leaves, red (<i>Amaranthus gangeticus</i>)	1	7439	118					8457	21449
C004	Amaranth leaves, red and green (<i>Amaranthus gangeticus</i>)	4	7390 \pm 1361	148 \pm 30.0					8464 \pm 1753	20181 \pm 1961
C005	Amaranth spinosus, leaves, green (<i>Amaranthus spinosus</i>)	4	1861 \pm 203	126 \pm 16.3					1594 \pm 315	4174 \pm 815
C006	Amaranth spinosus, leaves, red and green (<i>Amaranthus spinosus</i>)	2	1748	160					1487	4540
C007	Basella leaves (<i>Basella alba</i>)	2	2962	241					2473	5824

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C008	Bathua leaves (<i>Chenopodium album</i>)	2	1795	132					1075	3469
C009	Beet greens (<i>Beta vulgaris</i>)	6	1495±329.1	146±53.2					1703±146	3340.97±143.39
C010	Betel leaves, big (kolkata) (<i>Piper betle</i>)	6	4253±1026	60.31±18.37				191±39.0	4186±524	13735±1594
C011	Betel leaves, small (<i>Piper betle</i>)	4	5783±460	79.80±13.41				427±64.0	4676±622	16563±1292
C012	Brussels sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>)	1	1653	35.64					360	2564
C013	Cabbage, Chinese (<i>Brassica rupa</i>)	1	58.00	1.50					5.50	103
C014	Cabbage, collard greens (<i>Brassica oleracea</i> var. <i>viridis</i>)	1	143	2.68					104	358
C015	Cabbage, green (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>alba</i>)	6	3.98±1.34						20.48±2.21	273±7.3
C016	Cabbage, violet (<i>Brassica oleracea</i> var. <i>capitata</i> f. <i>rubra</i>)	2	44.50	2.20					31.17	339
C017	Cauliflower leaves (<i>Brassica oleracea</i> var. <i>botrytis</i>)	6	152±21.2	1.97±0.39					146±15.6	1742±9.4
C018	Colocasia leaves, green (<i>Colocasia anti-quorum</i>)	6	5222±1363	136±28.9					5758±1836	26820±3413
C019	Drumstick leaves (<i>Moringa oleifera</i>)	3	15580±3760	235±19.4					17542±1425	38765±7172
C020	Fenugreek leaves (<i>Trigonella foenum graecum</i>)	5	2275±754	28.28±9.53					9245±974	12755±1221
C021	Garden cress (<i>Lepidium sativum</i>)	2	1354	16.63					88.72	5048
C022	Gogu leaves, green (<i>Hibiscus cannabinus</i>)	4	5276±985	18.72±10.90					5285±856	16088±3497
C023	Gogu leaves, red (<i>Hibiscus cannabinus</i>)	1	4782	20.50					5143	15934
C024	Knol-Khol, leaves (<i>Brassica oleracea</i> var. <i>gongylodes</i>)	2	15.62	2.77					12.04	154
C025	Lettuce (<i>Lactuca sativa</i>)	3	1858±322	5.64±2.79					1285±167	7532±1363
C026	Mustard leaves (<i>Brassica juncea</i>)	3	2939±562	8.13±3.96					2619±372	6397±1014
C027	Pak Choi leaves (<i>Brassica rapa</i> var. <i>Chinensis</i>)	1	2655	5.50					2450	5111
C028	Parsley (<i>Petroselinum crispum</i>)	3	3574±455	11.92±7.28					2710±349	6558±578

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C029	Ponnaganni (<i>Alternanthera sessilis</i>)	2	5201	105					5288	24206
C030	Pumpkin leaves, tender (<i>Cucurbita maxima</i>)	6	6139±982	45.28±17.23					1455±146	8247±720
C031	Radish leaves (<i>Raphanus sativus</i>)	6	1741±190	22.71±10.72					2591±572	9339±854
C032	Rumex leaves (<i>Rumex patientia</i>)	2	2370	18.98					2754	8290
C033	Spinach (<i>Spinacia oleracea</i>)	6	3850±926	17.23±5.40					2605±521	9553±1491
C034	Tamarind leaves, tender (<i>Tamarindus indica</i>)	3	58.83±10.16	1.88±0.26					168±21.2	4002±389

D OTHER VEGETABLES

D001	Ash gourd (<i>Benincasa hispida</i>)	6	18.29±4.23	5.76±2.93						66.67±10.19
D002	Bamboo shoot, tender (<i>Bambusa vulgaris</i>)	1	2.50							11.60
D003	Bean scarlet, tender (<i>Phaseolus coccineus</i>)	5	98.51±21.39	2.67±0.33					35.52±3.88	1055±156
D004	Bitter gourd, jagged, teeth ridges, elongate (<i>Momordica charantia</i>)	6	282±101	5.83±2.55					122±10.9	717±179
D005	Bitter gourd, jagged, teeth ridges, short (<i>Momordica charantia</i>)	4	244±82.0	6.96±2.53					126±7.10	505±86
D006	Bitter gourd, jagged, smooth ridges, elongate (<i>Momordica charantia</i>)	1	313	7.20					130	481
D007	Bottle gourd, elongate, pale green (<i>Lagenaria vulgaris</i>)	6	28.88±8.19						44.05±11.68	95.12±13.56
D008	Bottle gourd, round, pale green (<i>Lagenaria vulgaris</i>)	5	29.64±2.98	8.60±2.23					47.13±3.49	92.56±17.23
D009	Bottle gourd, elongate, dark green (<i>Lagenaria vulgaris</i>)	1	28.98	2.50					44.82	97.02
D010	Brinjal-1 (<i>Solanum melongena</i>)	1	126	1.90					126	186
D011	Brinjal-2 (<i>Solanum melongena</i>)	1	130	2.80					130	167
D012	Brinjal-3 (<i>Solanum melongena</i>)	2	131	3.29					138	155
D013	Brinjal-4 (<i>Solanum melongena</i>)	4	142±18.5	3.90±1.39					140±15.0	138±34.2

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D014	Brinjal-5 (<i>Solanum melongena</i>)	3	122±10.1	2.78±1.52					123±12.7	136±3.9
D015	Brinjal-6 (<i>Solanum melongena</i>)	2	126	4.16					129	168
D016	Brinjal-7 (<i>Solanum melongena</i>)	1	155	4.50					155	166
D017	Brinjal-8 (<i>Solanum melongena</i>)	3	162±19.2	3.77±1.89					162±16.1	190±12.3
D018	Brinjal-9 (<i>Solanum melongena</i>)	2	160	2.89					158	232
D019	Brinjal-10 (<i>Solanum melongena</i>)	2	161	2.39					161	162
D020	Brinjal-11 (<i>Solanum melongena</i>)	6	152±11.5	2.02±0.63					162±22.2	227±28.0
D021	Brinjal-12 (<i>Solanum melongena</i>)	2	147	2.89					144	217
D022	Brinjal-13 (<i>Solanum melongena</i>)	1	138	3.90					138	116
D023	Brinjal-14 (<i>Solanum melongena</i>)	3	137±12.2	4.12±2.23					134±21.4	493±142
D024	Brinjal-15 (<i>Solanum melongena</i>)	4	169±24.2	4.35±1.76					162±41.9	346±84.4
D025	Brinjal-16 (<i>Solanum melongena</i>)	1	155	1.80					155	364
D026	Brinjal-17 (<i>Solanum melongena</i>)	1	146	1.90					146	564
D027	Brinjal-18 (<i>Solanum melongena</i>)	3	128±15.1	2.88±1.48					130±11.4	364±94.2
D028	Brinjal-19 (<i>Solanum melongena</i>)	3	119±14.7	3.68±1.70					119±16.8	552±90.6
D029	Brinjal-20 (<i>Solanum melongena</i>)	5	139±12.6	4.08±1.72					139±18.5	651±37.7
D030	Brinjal-21 (<i>Solanum melongena</i>)	2	156	4.44					155	670
D031	Brinjal - all varieties (<i>Solanum melongena</i>)	6	144±18.7	3.21±1.55					146±24.0	309±188
D032	Broad beans (<i>Vicia faba</i>)	3	106±33.5	24.25±8.69					6.38±0.62	574±5.14
D033	Capsicum, green (<i>Capsicum annuum</i>)	6	164±43.9	21.41±8.02					328±61.7	2511±776
D034	Capsicum, red (<i>Capsicum annuum</i>)	4	165±33.2	18.28±6.66					246±47.2	3047±785
D035	Capsicum, yellow (<i>Capsicum annuum</i>)	4	280±57.2	17.95±5.26					166±15.0	2717±203

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D036	Cauliflower (<i>Brassica oleracea</i>)	6	31.3±7.69	5.77±2.61					1.59±0.66	50.48±4.22
D037	Celery stalk (<i>Apium graveolens</i>)	3	161±15.4	2.61±1.56					465±57.3	2439±280
D038	Cho-cho-marrow (<i>Sechium edule</i>)	4	8.56±1.67	1.80±1.29					1.57±0.31	24.53±9.12
D039	Cluster beans (<i>Cyamopsis tetragonobolus</i>)	6	538±164	21.49±8.50					241±32.8	1192±250
D040	Colocasia, stem, black (<i>Colocasia antiquorum</i>)	1	97.12	5.30					4.97	631
D041	Colocasia, stem, green (<i>Colocasia antiquorum</i>)	5	99.6±19.5	1.96±0.90					2.30±1.25	597±153
D042	Corn, Baby (<i>Zea mays</i>)	6	5.79±3.45	1.90±0.84					1.52±0.33	72.89±13.79
D043	Cucumber, green, elongate (<i>Cucumis sativus</i>)	6	2.22±1.12						5.33±0.93	171±46.8
66	D044 Cucumber, green, short (<i>Cucumis sativus</i>)	6	4.86±1.82						4.80±1.45	172±44.8
	D045 Cucumber, orange, round (<i>Cucumis sativus</i>)	2	3.19						5.55	134
	D046 Drumstick (<i>Moringa oleifera</i>)	6	145±18.8	5.52±3.79					17.28±1.85	350±62.0
	D047 Field beans, tender, broad (<i>Vicia faba</i>)	2	467	21.54				83.48	555	1738
	D048 Field beans, tender, lean (<i>Vicia faba</i>)	6	297±55.7	2.79±2.18				74.32±6.96	556±6.0	1837±86.5
	D049 French beans, country (<i>Phaseolus vulgaris</i>)	5	235±71.8	21.21±10.10				3.57±0.71	413±10.4	1501±171
D050	French beans, hybrid (<i>Phaseolus vulgaris</i>)	2	228	13.35				3.18	388	1449
D051	Jack fruit, raw (<i>Artocarpus heterophyllus</i>)	5	4.86±2.54	2.92±1.65						17.66±1.17
D052	Jack fruit, seed, mature (<i>Artocarpus heterophyllus</i>)	5	2.13±0.82	1.56±1.11						19.63±2.17
D053	Knol - Khol (<i>Brassica oleracea</i>)	6	2.51±0.83	1.55±1.24						28.82±2.36
D054	Kovai, big (<i>Coccinia cordifolia</i>)	6	170±14.3	5.74±2.43					134±9.8	498±66.2
D055	Kovai, small (<i>Coccinia cordifolia</i>)	1	157	4.50					147	586
D056	Ladies finger (<i>Abelmoschus esculentus</i>)	6	798±83.0	3.53±1.91					69.10±10.41	1223±118

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D057	Mango, green, raw (<i>Mangifera indica</i>)	6	122 \pm 13.7	1.52 \pm 1.18		11.94 \pm 0.73			72.37 \pm 6.60	517 \pm 53.6
D058	Onion, stalk (<i>Allium cepa</i>)	6	575 \pm 175	2.43 \pm 0.68					700 \pm 2.6	3488 \pm 11.1
D059	Papaya, raw (<i>Carica papaya</i>)	6	266 \pm 55.8	7.88 \pm 0.32		76.80 \pm 18.04			164 \pm 60.8	548 \pm 67.5
D060	Parwar (<i>Trichosanthes dioica</i>)	6	322 \pm 102	10.77 \pm 3.25					13.10 \pm 1.50	965 \pm 15.0
D061	Peas, fresh (<i>Pisum sativum</i>)	6	68.6 \pm 19.1	11.40 \pm 2.54					121 \pm 12.5	1286 \pm 259
D062	Plantain, flower (<i>Musa x paradisiaca</i>)	6	75.7 \pm 5.0	5.90 \pm 2.93					35.36 \pm 7.72	149 \pm 19.5
D063	Plantain, green (<i>Musa x paradisiaca</i>)	6	28.9 \pm 9.85	3.45 \pm 1.94					3.01 \pm 1.65	224 \pm 29.8
D064	Plantain, stem (<i>Musa x paradisiaca</i>)	6	26.3 \pm 6.75	3.68 \pm 1.72					2.39 \pm 1.25	69.31 \pm 6.73
D065	Pumpkin, green, cylindrical (<i>Cucurbita maxima</i>)	1	394	26.60			63.91	363		1319
D066	Pumpkin, orange, round (<i>Cucurbita maxima</i>)	6	161 \pm 17.5	34.91 \pm 4.73			90.74 \pm 12.40	149 \pm 16.8		1449 \pm 167
D067	Red gram, tender, fresh (<i>Cajanus cajan</i>)	1	190						165	495
D068	Ridge gourd (<i>Luffa acutangula</i>)	6	129 \pm 20.5	19.50 \pm 3.17					348 \pm 31.4	838 \pm 101
D069	Ridge gourd, smooth skin (<i>Luffa acutangula</i>)	3	127 \pm 25.8	18.83 \pm 2.68					349 \pm 23.4	851 \pm 84.6
D070	Snake gourd, long, pale green (<i>Trichosanthes anguina</i>)	6	38.9 \pm 8.68	3.67 \pm 2.30					61.29 \pm 2.40	190 \pm 18.8
D071	Snake gourd, long, dark green (<i>Trichosanthes anguina</i>)	2	39.60	5.41					61.64	188
D072	Snake gourd, short (<i>Trichosanthes anguina</i>)	1	32.75	4.50					62.84	188
D073	Tinda, tender (<i>Praecitrullus fistulosus</i>)	6	8.19 \pm 2.71	2.22 \pm 1.62					7.96 \pm 1.10	49.81 \pm 2.51
D074	Tomato, green (<i>Lycopersicon esculentum</i>)	6	38.9 \pm 8.90	2.48 \pm 1.34	35.97 \pm 13.4		5.80 \pm 0.79		32.33 \pm 3.91	546 \pm 59.3
D075	Tomato, ripe, hybrid (<i>Lycopersicon esculentum</i>)	6	1568 \pm 530	10.96 \pm 2.17	2481 \pm 495		7.32 \pm 1.16		1513 \pm 146	5826 \pm 828
D076	Tomato, ripe, local (<i>Lycopersicon esculentum</i>)	6	965 \pm 167	17.52 \pm 6.44	1736 \pm 278		9.37 \pm 0.53		905 \pm 58.4	4656 \pm 636
D077	Zucchini, green (<i>Cucurbita pepo</i>)	2	87.86	16.23					85.79	963

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
D078	Zucchini, yellow (<i>Cucurbita pepo</i>)	2	294	25.60					69.90	1177

E FRUITS

E001	Apple, big (<i>Malus domestica</i>)	6	36.4±5.19	1.90±0.95					2.41±2.13	229±98.5
E002	Apple, green (<i>Malus domestica</i>)	6	40.2±18.8	1.91±0.77					2.20±0.93	196±47.5
E003	Apple, small (<i>Malus domestica</i>)	6	38.8±2.95	1.71±0.48					2.08±0.82	198±25.6
E004	Apple, small, Kashmir (<i>Malus domestica</i>)	1	46.26	1.98					2.11	344
E005	Apricot, dried (<i>Prunus armeniaca</i>)	6	4.98±2.79	2.33±1.08					1806±106	4313±123
E006	Apricot, processed (<i>Prunus armeniaca</i>)	3	3.07±1.49	1.98±0.62					1372±198	3357±748
E007	Avocado fruit (<i>Persea americana</i>)	1	25.13	2.50					12.00	321
E008	Bael fruit (<i>Aegle marmelos</i>)	1	36.12	2.20					2.50	172
E009	Banana, ripe, montham (<i>Musa x paradisiaca</i>)	1	47.32	1.90				3.57	53.06	260
E010	Banana, ripe, poovam (<i>Musa x paradisiaca</i>)	2	34.67	2.75				1.71	57.33	252
E011	Banana, ripe, red (<i>Musa x paradisiaca</i>)	1	47.08	2.50				2.12	51.52	261
E012	Banana, ripe, robusta (<i>Musa x paradisiaca</i>)	6	26.9±6.18	2.33±0.87				3.57±1.67	56.78±11.56	314±64.8
E013	Black berry (<i>Rubus fruticosus</i>)	5	105±17.5	2.37±0.98					52.32±2.65	166±2.4
E014	Cherries, red (<i>Prunus cerasus</i>)	4	92.9±12.4	5.69±2.12					40.78±1.15	259±36.4
E015	Currants, black (<i>Ribes nigrum</i>)	1	242	12.90					62.48	453
E016	Custard apple (<i>Annona squamosa</i>)	1	12.45	1.80						142
E017	Dates, dry, pale brown (<i>Phoenix dactylifera</i>)	6	281±77.8	8.95±1.88					2700±345	3483±551
E018	Dates, dry, dark brown (<i>Phoenix dactylifera</i>)	2	285	4.83					2705	3280
E019	Dates, processed (<i>Phoenix dactylifera</i>)	2	305	86.34					2781	3288

Table 4. Carotenoids

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Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
E020	Fig (<i>Ficus carica</i>)	6	19.0 \pm 2.27	2.01 \pm 0.64					2.40 \pm 0.59	454 \pm 51.3
E021	Goosberry (<i>Emblica officinalis</i>)	5	38.7 \pm 9.78	2.86 \pm 1.61					1.58 \pm 0.09	62.01 \pm 6.45
E022	Grapes, seeded, round, black (<i>Vitis vinifera</i>)	4	27.8 \pm 8.85	3.59 \pm 2.20					29.36 \pm 8.37	213 \pm 29.4
E023	Grapes, seeded, round, green (<i>Vitis vinifera</i>)	5	31.3 \pm 8.77	4.06 \pm 1.60					30.77 \pm 11.10	208 \pm 28.8
E024	Grapes, seeded, round, red (<i>Vitis vinifera</i>)	5	17.2 \pm 3.04	7.58 \pm 2.28					19.94 \pm 1.29	314 \pm 99.9
E025	Grapes, seedless, oval, black (<i>Vitis vinifera</i>)	5	19.4 \pm 3.07	8.14 \pm 1.73					19.73 \pm 1.76	321 \pm 50.6
E026	Grapes, seedless, round, green (<i>Vitis vinifera</i>)	5	25.8 \pm 7.90	6.82 \pm 3.77					25.46 \pm 6.66	216 \pm 31.3
E027	Grapes, seedless, round, black (<i>Vitis vinifera</i>)	5	16.1 \pm 2.90	7.95 \pm 1.73					20.58 \pm 2.36	232 \pm 27.9
E028	Guava, white flesh (<i>Psidium guajava</i>)	5	19.7 \pm 4.59	5.92 \pm 3.06					298 \pm 32.8	996 \pm 108
E029	Guava, pink flesh (<i>Psidium guajava</i>)	5	90.3 \pm 11.5	8.94 \pm 2.21	2843 \pm 340				267 \pm 88.2	4078 \pm 477
E030	Jack fruit, ripe (<i>Artocarpus heterophyllus</i>)	5	19.3 \pm 6.91	2.42 \pm 1.27					23.53 \pm 1.24	59.61 \pm 4.90
E031	Jambu fruit, ripe (<i>Syzygium cumini</i>)	2	18.49	5.68					1.55	66.50
E032	Karonda fruit (<i>Carissa carandas</i>)	1	6.12	1.14					15.64	55.89
E033	Lemon, juice (<i>Citrus limon</i>)	6	9.68 \pm 2.22	1.72 \pm 0.50					2.62 \pm 0.34	85.99 \pm 3.36
E034	Lime, sweet,pulp (<i>Citrus limetta</i>)	6	13.2 \pm 3.54	1.89 \pm 0.44					2.54 \pm 0.30	85.13 \pm 10.71
E035	Litchi (<i>Nephelium litchi</i>)	4	27.33 \pm 9.81	1.61 \pm 0.62					1.47 \pm 0.21	129 \pm 15.1
E036	Mango, ripe, banganapalli (<i>Mangifera indica</i>)	6	3.19 \pm 1.51	1.62 \pm 0.22	2.72 \pm 1.31				1168 \pm 141	1424 \pm 308
E037	Mango, ripe, gulabkhas (<i>Mangifera indica</i>)	2	4.18	1.64	4.58				666	1350
E038	Mango, ripe, himsagar (<i>Mangifera indica</i>)	3	6.26 \pm 2.09	1.19 \pm 0.14	5.60 \pm 3.84				1181 \pm 136	1423 \pm 201
E039	Mango, ripe, kesar (<i>Mangifera indica</i>)	4	3.71 \pm 2.21	2.33 \pm 0.17	6.96 \pm 3.31				1264 \pm 172	1438 \pm 314
E040	Mango, ripe, neelam (<i>Mangifera indica</i>)	2	2.95	1.67	2.51				1291	1376
E041	Mango, ripe, paheri (<i>Mangifera indica</i>)	2	2.51	7.19	2.49				1061	1210

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
E042	Mango, ripe, totapari (<i>Mangifera indica</i>)	1	13.27	2.86		4.56			602	1632
E043	Mangosteen (<i>Garcinia mangostana</i>)	1	16.81	5.40					1.80	181
E044	Manila tamarind (<i>Pithecellobium dulce</i>)	1	36.50	10.50					2.20	154
E045	Musk melon, orange flesh (<i>Cucumis melon</i>)	5	20.17 \pm 3.03	2.52 \pm 0.84					771 \pm 96.4	925 \pm 43.6
E046	Musk melon, yellow flesh (<i>Cucumis melon</i>)	6	22.48 \pm 9.44	2.69 \pm 1.16					6.87 \pm 0.36	92.15 \pm 6.04
E047	Orange, pulp (<i>Citrus aurantium</i>)	6	13.8 \pm 1.83	31.88 \pm 6.66		44.02 \pm 13.91		5.76 \pm 1.79	31.94 \pm 2.12	675 \pm 11.0
E048	Palm fruit, tender (<i>Borassus flabellifer</i>)	1	5.80	1.50						50.00
E049	Papaya, ripe (<i>Carcia papaya</i>)	6	5.43 \pm 0.87	280 \pm 43.9	833 \pm 82.9	648 \pm 85.2			694 \pm 84.5	2472 \pm 81.1
E050	Peach (<i>Prunus communis</i>)	1	5.80	1.50						50.00
E051	Pear (<i>Pyrus sp.</i>)	6	14.7 \pm 1.34	2.77 \pm 1.18		1.44 \pm 0.28			13.16 \pm 1.78	92.30 \pm 8.23
E052	Phalsa (<i>Grewia asiatica</i>)	2	157	3.11				5.68	1.71	396
E053	Pineapple (<i>Ananas comosus</i>)	6	8.11 \pm 1.14	1.80 \pm 1.23					31.21 \pm 4.33	86.31 \pm 10.74
E054	Plum (<i>Prunus domestica</i>)	3	5.67 \pm 0.98	2.39 \pm 1.04					1.32 \pm 0.22	430 \pm 82.9
E055	Pomegranate, maroon seeds (<i>Punica granatum</i>)	6	27.8 \pm 7.62	2.51 \pm 0.82					2.05 \pm 0.58	47.28 \pm 7.09
E056	Pummelo (<i>Citrus maxima</i>)	3	22.5 \pm 8.14	5.90 \pm 1.56		10.43 \pm 1.83			1.55 \pm 0.35	337 \pm 83.6
E057	Raisins, dried, black (<i>Vitis vinifera</i>)	6	9.13 \pm 1.70	2.18 \pm 0.95					3.71 \pm 1.08	207 \pm 44.7
E058	Raisins, dried, golden (<i>Vitis vinifera</i>)	6	28.3 \pm 4.93	3.53 \pm 1.13					2.53 \pm 0.63	272 \pm 38.6
E059	Rambutan (<i>Nephelium lappaceum</i>)	1	16.80	2.50					2.90	175
E060	Sapota (<i>Achras sapota</i>)	6	22.6 \pm 7.22	2.09 \pm 0.64					80.70 \pm 5.96	229 \pm 17.3
E061	Soursop (<i>Annona muricata</i>)	1	29.80	5.30					2.20	78.00
E062	Star fruit (<i>Averrhoa carambola</i>)	1	26.80	2.60					1.40	152
E063	Strawberry (<i>Fragaria ananassa</i>)	6	19.3 \pm 4.86	1.45 \pm 0.22					2.19 \pm 0.17	218 \pm 71.1

Table 4. Carotenoids

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
E064	Tamarind, pulp (<i>Tamarindus indicus</i>)	6	28.4±2.99	11.61±5.64					1.54±0.42	188±21.3
E065	Water melon, dark green (sugar baby) (<i>Citrullus vulgaris</i>)	6	914±211	25.95±11.73	1477±347				605±121	4176±537
E066	Water melon, pale green (<i>Citrullus vulgaris</i>)	6	981±124	23.40±8.65	1257±408				576±119	4300±379
E067	Wood Apple (<i>Limonia acidissima</i>)	3	11.0±1.56	2.57±0.83					3.81±1.28	77.06±7.46
E068	Zizyphus (<i>Zizyphus jujube</i>)	1	10.70	1.60					1.50	76.80

F ROOTS AND TUBERS

F001	Beet root (<i>Beta vulgaris</i>)	6	28.6±10.9	4.57±2.69					10.14±2.52	12.88±1.58
F002	Carrot, orange (<i>Dacus carota</i>)	6	257±63.1	13.93±4.31	157±44.9				2654±524	5423±450
F003	Carrot, red (<i>Dacus carota</i>)	4	224±45.1	15.49±4.61	871±95.9				1128±179	2706±298
F004	Colocasia (<i>Colocasia antiquorum</i>)	6	5.87±1.78	2.07±0.69					6.50±1.16	21.72±2.75
F005	Lotus root (<i>Nelumbium nelumbo</i>)	3	13.0±1.58							156±19.5
F006	Potato, brown skin, big (<i>Solanum tuberosum</i>)	6	8.07±0.98	122±4.9						208±19.3
F007	Potato, brown skin, small (<i>Solanum tuberosum</i>)	1	7.86	125						224
F008	Potato, red skin (<i>Solanum tuberosum</i>)	1	8.12	123						226
F009	Radish, elongate, red skin (<i>Raphanus sativus</i>)	3	8.68±1.90	2.38±0.93					1.62±0.37	17.61±5.77
F010	Radish, elongate, white skin (<i>Raphanus sativus</i>)	6	5.34±0.84	2.08±0.84						10.60±1.22
F011	Radish, round, red skin (<i>Raphanus sativus</i>)	1	7.80	2.50					1.20	13.07
F012	Radish, round, white skin (<i>Raphanus sativus</i>)	2	6.36	1.66						23.69
F013	Sweet potato, brown skin (<i>Ipomoea batatas</i>)	4	282±56.1	146±22.7					5376±816	8653±749
F014	Sweet potato, pink skin (<i>Ipomoea batatas</i>)	3	208±54.2	133±11.7					11.12±1.45	95.93±16.07

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXN	CARTG	CARTA	CARTB	CARTOID
F015	Tapioca (<i>Manihot esculenta</i>)	3	5.93±1.86	2.38±0.95						60.90±8.50
F016	Water Chestnut (<i>Eleocharis dulcis</i>)	1	8.12	2.50						93.08
F017	Yam, elephant (<i>Amorphophallus campanulatus</i>)	6	168±14.8	10.43±2.76				32.32±3.56	176±19.3	599±70.0
F018	Yam, ordinary (<i>Amorphophallus campanulatus</i>)	4	273±51.3	8.69±3.43					158±31.8	51.04±7.68
F019	Yam, wild (<i>Dioscorea versicolor</i>)	2	11.39	1.20				8.95	230	94.53

G CONDIMENTS AND SPICES-FRESH						
G001	Chillies, green-1 (<i>Capsicum annum</i>)	5	255±44.6	18.92±3.74		31.69±9.15
G002	Chillies, green-2 (<i>Capsicum annum</i>)	3	283±66.7	24.48±6.29		232±91.3
G003	Chillies, green-3 (<i>Capsicum annum</i>)	5	285±79.9	34.74±11.55		158±45.8
G004	Chillies, green-4 (<i>Capsicum annum</i>)	3	207±56.1	45.64±13.89		67.84±5.44
G005	Chillies, green-5 (<i>Capsicum annum</i>)	2	278±93.3	41.40±25.80		45.41±11.38
G006	Chillies, green-6 (<i>Capsicum annum</i>)	1	234	35.50		508
G007	Chillies, green-7 (<i>Capsicum annum</i>)	1	294	28.50		44.00
G008	Chillies, green - all varieties (<i>Capsicum annum</i>)	6	261±60.9	31.47±13.46		125±122
G009	Coriander leaves (<i>Coriandrum sativum</i>)	6	6351±1069	28.30±14.89		3808±891
G010	Curry leaves (<i>Murraya koenigii</i>)	6	2945±381	36.13±12.13	144±14.5	7663±704
G011	Garlic, big clove (<i>Allium sativum</i>)	6	4.02±1.61	1.55±0.28		33.91±6.10
G012	Garlic, small clove (<i>Allium sativum</i>)	3	5.09±1.50	1.57±0.37		30.48±6.94
G013	Garlic, single clove, Kashmir (<i>Allium sativum</i>)	1	2.52	1.36		26.58

Table 4. Carotenoids

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
G014	Ginger, fresh (<i>Zinziber officinale</i>)	6	15.0 \pm 4.48	5.97 \pm 3.00					88.85 \pm 0.92	329 \pm 53.7
G015	Mango ginger (<i>Curcuma amada</i>)	3	23.6 \pm 3.99	3.09 \pm 1.50					76.62 \pm 13.12	250 \pm 5.3
G016	Mint leaves (<i>Mentha spicata</i>)	4	2526 \pm 730	300 \pm 51.2					4602 \pm 553	18693 \pm 1938
G017	Onion, big (<i>Allium cepa</i>)	6	1.77 \pm 0.64	1.81 \pm 0.69					1.08 \pm 0.28	89.10 \pm 6.38
G018	Onion, small (<i>Allium cepa</i>)	5	15.3 \pm 0.92	1.69 \pm 0.09					1.10 \pm 0.06	31.04 \pm 12.49
G CONDIMENTS AND SPICES-DRY										
G019	Asafoetida (<i>Ferula assa-foetida</i>)	6	23.8 \pm 6.80	1.52 \pm 0.29					6.42 \pm 0.75	168 \pm 24.7
G020	Cardamom, green (<i>Elettaria cardamomum</i>)	6	37.0 \pm 10.0	32.85 \pm 4.78					21.91 \pm 2.31	366 \pm 22.6
106	G021	Cardamom, black (<i>Elettaria cardamomum</i>)	4	56.9 \pm 17.6	10.31 \pm 2.62				77.48 \pm 13.27	1137 \pm 95.2
	G022	Chillies, red (<i>Capsicum annum</i>)	6	1843 \pm 342	2712 \pm 789	36.44 \pm 10.4	1599 \pm 203		1542 \pm 288	101812 \pm 5619
	G023	Cloves (<i>Syzygium aromaticum</i>)	6	16.9 \pm 3.39	1.55 \pm 0.23			8.55 \pm 0.71	73.51 \pm 2.74	356 \pm 38.2
	G024	Coriander seeds (<i>Coriandrum sativum</i>)	6	225 \pm 34.0	10.96 \pm 2.23				122 \pm 13.5	996 \pm 50.0
	G025	Cumin seeds (<i>Cuminum cyminum</i>)	6	170 \pm 10.8	42.60 \pm 6.86				89.19 \pm 19.24	553 \pm 32.5
	G026	Fenugreek seeds (<i>Trigonella foenum graecum</i>)	6	586 \pm 91.3	201 \pm 12.0				142 \pm 1.5	1210 \pm 162
	G027	Mace (<i>Myristica fragrans</i>)	6	135 \pm 26.7	196 \pm 22.4				2322 \pm 157	9203 \pm 880
	G028	Nutmeg (<i>Myristica fragrans</i>)	6	4.01 \pm 1.18	1.33 \pm 0.26				15.37 \pm 1.11	80.91 \pm 9.87
	G029	Omum (<i>Trachyspermum ammi</i>)	6	494 \pm 61.2	8.30 \pm 2.99	51.37 \pm 9.37			746 \pm 17.7	1836 \pm 22.1
	G030	Pippali (<i>Piper longum</i>)	6	666 \pm 92.3	479 \pm 54.8	110 \pm 10.5		278 \pm 28.4	545 \pm 50.4	2401 \pm 205
	G031	Pepper, black (<i>Piper nigrum</i>)	6	650 \pm 62.3	158 \pm 15.4	165 \pm 11.6		157 \pm 10.1	767 \pm 65.5	2219 \pm 56
	G032	Poppy seeds (<i>Papaver somniferum</i>)	6	23.5 \pm 15.0	1.76 \pm 0.79				3.51 \pm 0.66	34.45 \pm 10.70

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxyanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXB	CARTG	CARTA	CARTB	CARTOID
G033	Turmeric powder (<i>Curcuma domestica</i>)	6	99.8±16.0	3.56±1.60				55.20±1.77		427±85.8
H NUTS AND OIL SEEDS										
H001	Almond (<i>Prunus amygdalus</i>)	6	5.93±1.89	1.79±0.12						11.31±1.57
H002	Arecanut, dried, brown (<i>Areca catechu</i>)	6	21.3±6.13	3.83±2.00						41.96±3.23
H003	Arecanut, dried, red color (<i>Areca catechu</i>)	3	27.5±7.24	3.12±1.66						63.72±3.91
H004	Arecanut, fresh (<i>Areca catechu</i>)	2	31.65	6.23						47.78
H005	Cashew nut (<i>Anacardium occidentale</i>)	6	5.87±1.91	3.21±1.77						16.94±3.30
H006	Coconut, kernel, dry (<i>Cocos nucifera</i>)	6	62.5±9.59	3.12±1.03						176±9.4
H007	Coconut, kernel, fresh (<i>Cocos nucifera</i>)	6	122±15.4	4.84±1.66				2.66±0.28		204±11.3
H008	Garden cress, seeds (<i>Lepidium sativum</i>)	5	22.5±7.41	33.93±10.2						559±34.6
H009	Gingelly seeds, black (<i>Sesamum indicum</i>)	6	22.9±11.0	2.67±1.21				13.09±2.67		60.78±13.60
H010	Gingelly seeds, brown (<i>Sesamum indicum</i>)	4	17.0±4.46	2.40±0.61				5.41±0.57		86.72±3.90
H011	Gingelly seeds, white (<i>Sesamum indicum</i>)	5	19.7±5.45	1.88±0.33				12.94±1.55		57.06±19.48
H012	Ground nut (<i>Arachis hypogaea</i>)	6	4.42±1.04	8.07±2.32				22.75±2.13		82.80±6.06
H013	Mustard seeds (<i>Brassica juncea</i>)	6	192±16.3	6.54±2.42				36.72±7.07		675±77.0
H014	Linseeds (<i>Linum usitatissimum</i>)	6	5.67±0.81	7.22±0.70				1.05±0.03		92±22.8
H015	Niger seeds, black (<i>Guizotia abyssinica</i>)	4	22.1±4.41	9.61±1.59				2.15±0.81		295±39.1
H016	Niger seeds, gray (<i>Guizotia abyssinica</i>)	5	6.00±0.54	2.38±1.13	2.73±0.91			8.49±0.83		187±21.6
H017	Pine seed (<i>Pinus gerardiana</i>)	5	97.0±17.4	11.55±1.53				1.98±0.52		297±40.4
H018	Pistachio nuts (<i>Pistacia vera</i>)	6	171±6.8					110±10.4		519±31.3
H019	Safflower seeds (<i>Carthamus tinctorius</i>)	5	27.6±7.88	11.04±2.45				2.07±0.58		142±13.8

Table 4. Carotenoids

Food code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β -Cryptoxanthin	γ -Carotene	α -Carotene	β -Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPXN	CARTG	CARTA	CARTB	CARTOID
H020	Sunflower seeds (<i>Helianthus annuus</i>)	5	20.0 \pm 2.52	2.48 \pm 0.71					8.15 \pm 1.18	249 \pm 12.0
H021	Walnut (<i>Juglans regia</i>)	6	21.7 \pm 10.05	2.30 \pm 0.82		4.94 \pm 0.79			9.53 \pm 0.91	122 \pm 5.8
I SUGARS										
I001	Jaggery, cane (<i>Saccharum officinarum</i>)	6	5.90 \pm 1.83							18.49 \pm 2.26
I002	Sugarcane, juice (<i>Saccharum officinarum</i>)	6	8.36 \pm 2.40						7.87 \pm 0.37	41.23 \pm 4.16
J MUSHROOMS										
J001	Button mushroom, fresh (<i>Agaricus</i> sp.)	1								
J002	Chicken mushroom, fresh (<i>Lactiporus</i> sp.)	1								
J003	Shiitake mushroom, fresh (<i>Lentinula</i> sp.)	1								
J004	Oyster mushroom, dried (<i>Pleurotus</i> sp.)	1								
K MISCELLANEOUS FOODS										
K001	Toddy	10								
K002	Coconut Water	6	4.53 \pm 2.12							46.12 \pm 7.32
L MILK AND MILK PRODUCTS										
L001	Milk, whole, Buffalo	6	8.78 \pm 2.21						8.42 \pm 0.40	80.87 \pm 1.41
L002	Milk, whole, Cow	6	9.62 \pm 1.51	5.01 \pm 1.15					13.67 \pm 3.79	200 \pm 55.9
L003	Panner	6	7.58 \pm 0.97						4.39 \pm 1.44	194 \pm 1.7
L004	Khoa	6	2.70 \pm 0.69						3.52 \pm 1.16	190 \pm 8.0

Food Code	Food Name	No. of Regions	Lutein	Zeaxanthin	Lycopene	β - Cryptoxanthin	γ - Carotene	α - Carotene	β - Carotene	Total Carotenoids
			μg							
			LUTN	ZEA	LYCPN	CRYPX _B	CARTG	CARTA	CARTB	CARTOID
M EGG AND EGG PRODUCTS										
M001	Egg, poultry, whole, raw	6	17.61 \pm 2.89	37.23 \pm 7.16		0.97 \pm 0.44			13.60 \pm 2.04	135 \pm 2.6
M002	Egg, poultry, white, raw	6								
M003	Egg, poultry, yolk, raw	6	27.29 \pm 1.29	56.60 \pm 15.23		2.09 \pm 0.78			88.87 \pm 0.94	241 \pm 6.7
M004	Egg, poultry, whole, boiled	6	14.69 \pm 3.40	26.29 \pm 11.09		1.07 \pm 0.53			13.19 \pm 0.49	136 \pm 7.3
M005	Egg, poultry, white, boiled	6								5.30 \pm 0.31
M006	Egg, poultry, yolk, boiled	6	19.36 \pm 3.98	54.75 \pm 12.66		1.69 \pm 0.77			68.59 \pm 2.93	218 \pm 9.8
M007	Egg, poultry, omlet	3	14.47 \pm 0.35	19.03 \pm 0.96		0.75 \pm 0.10			11.36 \pm 0.84	111 \pm 1.0
M008	Egg, country hen, whole, raw	1	26.86	47.26		1.56			18.55	191
M009	Egg, country hen, whole, boiled	1	23.61	37.85		1.06			17.45	166
M010	Egg, country hen, omlet	1	20.55	30.85		0.95			14.75	161
M011	Egg, duck, whole, boiled	1	22.21	10.16		9.25			34.59	228
M012	Egg, duck, whole, raw	1	29.50	17.96		11.08			35.66	249
M013	Egg, duck, whole, omlet	1	20.05	9.55		8.98			30.08	213
M014	Egg, quail, whole, raw	1	14.83	28.48		3.57			12.96	242
M015	Egg, quail, whole, boiled	1	12.55	14.75		1.86			10.55	230