

Table 5. Daily intake (mg/day/person) of food additives by age category

No.	Compound (determined as)	Use	Group A/B *	1-6 year olds	7-14 year olds	15-19 year olds	20-64 year olds	Over 64 year olds
1	Aspartame	Sweetener	A	1.58	2.30	2.64	2.55	1.70
2	Xylitol	Sweetener	B	16.7	17.1	8.81	4.45	1.69
3	Glycyrrhizine	Sweetener	B	0.217	0.273	0.355	0.301	0.272
4	Sodium saccharin	Sweetener	A	0.0800	0.180	0.200	0.760	0.730
5	D-Sorbitol	Sweetener	B	567	684	826	895	931
6	D-Mannitol	Sweetener	B	642	1198	1310	1006	738
7	Amaranth	Food color	A	0	0	0	0	0
8	Erythrosine	Food color	A	0.000513	0.000601	0.00128	0.00235	0.00173
9	Allura red AC	Food color	A	0	0	0	0	0
10	New coccine	Food color	A	0.00194	0.00213	0.00580	0.00608	0.00491
11	Phloxine	Food color	A	0	0	0	0	0
12	Rose bengale	Food color	A	0	0	0	0	0
13	Acid red	Food color	A	0	0	0	0.0000959	0.000129
14	Tartrazine	Food color	A	0.000497	0.000140	0.000520	0.000671	0.000837
15	Sunset yellow FCF	Food color	A	0.0000903	0	0.0000867	0.000128	0.000161
16	Fast green FCF	Food color	A	0	0	0	0	0
17	Brilliant blue FCF	Food color	A	0	0	0	0	0
18	Indigo carmine	Food color	A	0	0	0	0	0
19	Titanium dioxide (Titanium)	Food color	B	0	0	0	0	0
20	β -Carotene	Food color	B	1.39	1.79	1.92	1.93	2.20
21	Norbixin	Food color	A	0	0	0	0	0
22	Sulfurous acid	Preservative	B	0	0	0	0	0
23	Benzoic acid	Preservative	A	0.581	1.27	1.33	0.836	0.893
24	Sorbic acid	Preservative	A	13.1	15.8	22.1	17.9	11.9
25	Dehydroacetic acid	Preservative	A	0	0	0	0	0
26	Isobutyl p-hydroxybenzoate	Preservative	A	0	0	0	0	0
27	Isopropyl p-hydroxybenzoate	Preservative	A	0	0	0	0	0
28	Ethyl p-hydroxybenzoate	Preservative	A	0.0342	0.0597	0.112	0.0759	0.0410
29	Butyl p-hydroxybenzoate	Preservative	A	0.137	0.311	0.448	0.177	0.150
30	Propyl p-hydroxybenzoate	Preservative	A	0	0	0	0	0
31	Propionic acid	Preservative	B	1.01	1.37	1.65	2.30	1.82
32	EDTA (EDTACa ₂ Na)	Antioxidant	A	0	0	0	0	0
33	Erythorbic acid	Antioxidant	A	0.144	0.192	0.249	0.167	0.0769
34	Isopropyl citrate (Monoisopropyl citrate)	Antioxidant	A	0	0	0	0	0
35	L-Cysteine hydrochloride (Cysteine)	Antioxidant	B	44.1	63.3	71.5	98.1	80.8
36	Butylated hydroxytoluene	Antioxidant	A	0	0	0	0	0
37	d- α -Tocopherol (α -Tocopherol)	Antioxidant	B	5.55	7.39	9.69	7.84	6.67
38	d- β -Tocopherol (β -Tocopherol)	Antioxidant	B	0.224	0.314	0.348	0.264	0.288
39	d- γ -Tocopherol (γ -Tocopherol)	Antioxidant	B	5.35	8.06	11.34	8.16	7.68
40	d- δ -Tocopherol (δ -Tocopherol)	Antioxidant	B	1.80	2.03	3.05	2.98	2.47
41	Butylated hydroxyanisole	Antioxidant	A	0	0	0	0	0
42	Propyl gallate	Antioxidant	A	0	0	0	0	0
43	Nitrite (NO ₂)	Color fixative	B	0.110	0.342	0.203	0.339	0.352
44	Nitrate (NO ₃)	Color fixative	B	129	220	239	289	253
45	Imazaryl	Antifungal agent	A	0	0	0	0	0
46	o-Phenylphenol	Antifungal agent	A	0	0	0	0	0
47	Diphenyl	Antifungal agent	A	0	0	0	0	0
48	Thiabendazole	Antifungal agent	A	0.000493	0.000603	0.000718	0.001070	0.000895
49	L-Aspartic acid (Aspartic acid)	Seasoning	B	197	283	336	371	352
50	DL-Alanine (Alanine)	Seasoning	B	266	401	497	532	524
51	Disodium 5'-inosinate (Inosinic acid)	Seasoning	B	8.37	12.1	26.3	28.2	23.3
52	Disodium 5'-uridyate (Uridylic acid)	Seasoning	B	1.02	1.20	1.38	1.22	0.988
53	Disodium 5'-guanylate (Guanylic acid)	Seasoning	B	1.54	2.23	2.87	3.63	2.46
54	Glycine	Seasoning	B	136	209	279	296	270
55	L-Glutamic acid (Glutamic acid)	Seasoning	B	924	1342	1770	1900	1640
56	Disodium 5'-cytidylate (Cytidylic acid)	Seasoning	B	0.334	0.306	0.145	0.133	0
57	L-Theanine (Theanine)	Seasoning	B	7.63	8.57	11.6	21.3	24.5
58	L-Isoleucine (Isoleucine)	Dietary supplement	B	101	153	189	199	206
59	L-Tryptophan (Tryptophan)	Dietary supplement	B	17.6	27.7	26.2	35.7	28.6
60	L-Threonine (Threonine)	Dietary supplement	B	69.1	107	119	147	150
61	L-Valine (Valine)	Dietary supplement	B	143	210	252	276	275
62	L-Histidine hydrochloride (Histidine)	Dietary supplement	B	155	241	260	331	350
63	L-Phenylalanine (Phenylalanine)	Dietary supplement	B	133	196	241	271	272
64	DL-Methionine (Methionine)	Dietary supplement	B	52.6	80.2	101	95.4	96.7
65	L-Lysine hydrochloride (Lysine)	Dietary supplement	B	148	239	278	336	319
66	L-Ascorbic acid (Total of oxidized and reduced style)	Dietary supplement	B	80.6	115	108	113	100
67	L-Ascorbyl stearate	Dietary supplement	A	0	0	0	0	0
68	L-Ascorbyl palmitate	Dietary supplement	A	0	0	0	0	0
69	Thiamine hydrochloride	Dietary supplement	B	0.475	0.731	0.716	0.732	0.715
70	Riboflavin	Dietary supplement	B	1.20	1.71	1.65	1.43	1.32
71	Glycerol	Processing agent	B	360	604	657	857	907
72	Silicone resin (dimethylpolysiloxane)	Processing agent	A	0.844	0.442	0.380	0.424	0.480
73	Propylene glycol	Processing agent	A	7.31	10.6	13.4	10.6	14.7
74	Adipic acid	Acidifier	B	0.220	0.700	1.01	1.47	1.80
75	Citric acid	Acidifier	B	1483	1897	1820	2056	2189

No.	Compound (determined as)	Use	Group A/B *	1-6 year olds	7-14 year olds	15-19 year olds	20-64 year olds	Over 64 year olds
76	Gluconic acid	Acidifier	B	73.1	77.2	103	83.3	79.9
77	Succinic acid	Acidifier	B	123	132	174	193	261
78	L-Tartaric acid	Acidifier	B	141	132	94.9	83.1	74.9
79	Lactic acid	Acidifier	B	1506	2049	2229	2593	2605
80	Acetic acid	Acidifier	B	404	674	806	851	784
81	Fumaric acid	Acidifier	B	21.3	30.5	33.4	33.4	39.2
82	DL-Malic acid	Acidifier	B	1078	1397	1373	1699	1724
83	Calcium	Miscellaneous	B	527	725	602	497	497
84	Orthophosphoric acid	Miscellaneous	A	1350	1940	1986	2094	1807
85	Aluminum	Miscellaneous	B	5.17	5.70	6.79	7.69	7.98
86	Iron	Miscellaneous	B	5.73	8.13	9.44	9.43	9.05
87	Magnesium	Miscellaneous	B	203	300	317	328	331
88	Nordihydroguaiaretic acid	Antioxidant	B	0	0	0	0	0
89	Naringin	Bittering agent	B	0	0	0	0	0
90	Hesperidine	Dietary supplement	B	20.0	25.3	19.6	18.5	22.3
91	Kojic acid	Processing agent	B	0	0	0	0	0
92	L-Asparagine (Asparagine)	Dietary supplement	B	200	299	263	336	275
93	L-Glutamine (Glutamine)	Dietary supplement	B	384	609	625	611	688
94	L-Arginine (Arginine)	Dietary supplement	B	195	285	304	368	355
95	L-Cystine (Cystine)	Dietary supplement	B	1.40	2.00	2.60	3.11	2.80
96	L-Serine (Serine)	Dietary supplement	B	113	167	188	230	231
97	L-Hydroxyproline (Hydroxyproline)	Dietary supplement	B	2.78	4.30	4.97	4.53	3.59
98	L-Tyrosine (Tyrosine)	Dietary supplement	B	59.5	86.8	87.8	119	112
99	L-Proline (Proline)	Dietary supplement	B	167	238	247	275	248
100	L-Leucine (Leucine)	Dietary supplement	B	200	294	374	396	411

* Group A/B: Food additives in Group A do not from naturally occur and those in Group B do.