

Table 10-1. Daily intake (mg/day/person) of food additives by food category for younger children (1-6 year olds).

Compound	Group A/B *	1-6 year olds							
		I. Seasonings and beverages	II. Cereals	III. Potatoes, legumes and nuts	IV. Fish/shellfish and meat	V. Fats/oils and milk/milk products	VI. Sugar and confections/savories	VII. Fruits, vegetables, and seaweeds	Total Intake
Food Intake (g)		113.94	153.31	91.57	128.32	205.81	45.14	234.61	972.70
Aspartame	A	0.5697	0	0	0	0	1.008	0	1.578
Xylitol	B	0	0	0	0	0	16.7018	0	16.7018
Glycyrrhizine	B	0.1333098	0	0.0531106	0	0	0.0306952	0	0.2171156
Sodium saccharin	A	0	0	0	0.08	0	0	0	0.08
D-Sorbitol	B	60.3882	49.0592	47.6164	103.9392	4.1162	170.1778	131.3816	566.6786
D-Mannitol	B	14.8122	475.261	70.5089	6.416	0	4.514	70.383	641.8951
Amaranth	A	0	0	0	0	0	0	0	0
Erythrosine	A	0	0	0	0.00051328	0	0	0	0.00051328
Allura red AC	A	0	0	0	0	0	0	0	0
New coccine	A	0	0	0	0.00076992	0	0	0.00117305	0.00194297
Phloxine	A	0	0	0	0	0	0	0	0
Rose bengale	A	0	0	0	0	0	0	0	0
Acid red	A	0	0	0	0	0	0	0	0
Tartrazine	A	0	0	0	0	0	0.00049654	0	0.00049654
Sunset yellow FCF	A	0	0	0	0	0	0.00009028	0	0.00009028
Fast green FCF	A	0	0	0	0	0	0	0	0
Brilliant blue FCF	A	0	0	0	0	0	0	0	0
Indigo carmine	A	0	0	0	0	0	0	0	0
Titanium dioxide	B	0	0	0	0	0	0	0	0
β -Carotene	B	0.0782388	0.009709633	0.0027471	0.0051328	0.043906133	0.0167018	1.2340486	1.390484867
Norbixine	A	0	0	0	0	0	0	0	0
Sulfurous acid	B	0	0	0	0	0	0	0	0
Benzoic acid	A	0.25685874	0.032603927	0.041786443	0.025193493	0.175693137	0.02442074	0.024477643	0.581034123
Sorbic acid	A	0	1.34	0.91	10.31	0	0.3	0.25	13.11
Dehydroacetic acid	A	0	0	0	0	0	0	0	0
Isobutyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Isopropyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Ethyl <i>p</i> -hydroxybenzoate	A	0.034182	0	0	0	0	0	0	0.034182
Butyl <i>p</i> -hydroxybenzoate	A	0.136728	0	0	0	0	0	0	0.136728
Propyl <i>p</i> -hydroxybenzoate	A	0	0	0	0	0	0	0	0
Propionic acid	B	0.197496	0	0.280814667	0.534666667	0	0	0	1.012977333
EDTA	A	0	0	0	0	0	0	0	0
Erythorbic acid	A	0	0	0	0.1437184	0	0	0	0.1437184
Isopropyl citrate	A	0	0	0	0	0	0	0	0
L-Cysteine	B	9.91278	3	14.83434	2.82304	3.8	0.54168	9.2	44.11184
Butylated hydroxytoluene (BHT)	A	0	0	0	0	0	0	0	0
d- α -Tocopherol	B	0.7645374	0.4216025	0.1987069	1.2832	1.7246878	0.753838	0.4058753	5.5524479

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d- β -Tocopherol	B	0.0159516	0.0521254	0.0375437	0	0.0596849	0.058682	0	0.2239876
d- γ -Tocopherol	B	0.2916864	0.3740764	0.998113	0.2489408	2.552044	0.853146	0.0281532	5.3461598
d- δ -Tocopherol	B	0.2837106	0.1349128	0.961485	0	0.2510882	0.171532	0	1.8027286
Butylated hydroxyanisole (BHA)	A	0	0	0	0	0	0	0	0
Propyl gallate	A	0	0	0	0	0	0	0	0
Nitrite	B	0	0	0.109884	0	0	0	0	0.109884
Nitrate	B	1.321704	0.260627	1.080526	0.3208	0.41162	0.808006	124.3433	128.546583
Imazaril	A	0	0	0	0	0	0	0	0
o-Phenylphenol	A	0	0	0	0	0	0	0	0
Diphenyl	A	0	0	0	0	0	0	0	0
Thiabendazole	A	0	0	0	0	0	0	0.000492681	0.000492681
L-Aspartic acid	B	48.53844	17.47734	49.35623	25.664	1.23486	4.46886	49.97193	196.71166
DL-Alanine	B	65.85732	3.6	26.00588	108.81536	1.23486	4.514	56.3064	266.33382
Disodium 5'-inosinate	B	7.725132	0	0	0.6416	0	0	0	8.366732
Disodium 5'-uridyate	B	0.786186	0	0	0.076992	0.061743	0.094794	0	1.019715
Disodium 5'-guanylate	B	1.390068	0	0	0.051328	0	0.094794	0	1.53619
Glycine	B	26.88984	12.2	11.17154	70.19104	0	4.78484	11.2	136.43726
L-Glutamic acid	B	622.1124	30.81531	94.3171	101.75776	2.8	23.96934	47.86044	923.63235
Disodium 5'-cytidylate	B	0.091152	0	0	0.076992	0.102905	0.063196	0	0.334245
L-Theanine	B	5.2	0.214634	1.09884	0.51328	0	0	0.6	7.626754
L-Isoleucine	B	35.8911	0.168641	20.96953	27.33216	0.41162	1.8056	14.54582	101.124471
L-Tryptophan	B	1.2	1.6	10.25584	0.38496	0.288134	0.85766	3.04993	17.636524
L-Threonine	B	28.37106	0.61324	18.40557	1.6	0	1.76046	18.29958	69.1
L-Valine	B	38.62566	1.07317	30.95066	39.65088	3.29296	3.74662	25.57249	142.91244
L-Histidine	B	17.6607	1.3	14.28492	98.93472	0.9	0.63196	21.1149	154.8272
L-Phenylalanine	B	35.09352	3.21951	40.01609	30.92512	1.23486	2.66326	19.6	132.75236
DL-Methionine	B	9.91278	0.91986	13.27765	23.35424	0.61743	0.58682	3.98837	52.6
L-Lysine	B	38.96748	2.60627	55.30828	21.1728	2.4	2.0313	25.10327	147.5894
L-Ascorbic acid	B	19.02798	0.628571	7.572839	6.043872	1.584737	13.85798	31.90696	80.622939
L-Ascorbyl stearate	A	0	0	0	0	0	0	0	0
L-Ascorbyl palmitate	A	0	0	0	0	0	0	0	0
Thiamine	B	0.0592488	0.1410452	0.0714246	0.0038496	0.0802659	0.0230214	0.0961901	0.4750456
Riboflavin	B	0.0865944	0.0950522	0.1043898	0.3284992	0.4486658	0.0442372	0.093844	1.2012826
Glycerol	B	150.7806	81.76533333	78.13973333	29.94133333	0	19.56066667	0	360.1876667
Dimethylpolysiloxane	A	0.5697	0	0.27471	0	0	0	0	0.84441
Propylene glycol	A	2.8485	2.60627	0	0	0	1.85074	0	7.30551
Adipic acid	B	0	0.219744333	0	0	0	0	0	0.219744333
Citric acid	B	365.3676	4.088266667	415.4225667	0	321.7496333	86.36786667	290.1343667	1483.1303
Gluconic acid	B	24.48923814	3.732127537	6.76830498	12.67322539	4.309318383	5.397585407	15.74303483	73.11283466
Succinic acid	B	82.0368	22.9965	2.7471	0	15.09273333	0	0	122.8731333

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L-Tartaric acid	B	0	8.687566667	0	18.39253333	62.42903333	14.8962	36.75556667	141.1609
Lactic acid	B	138.2472	365.3888333	209.0848333	564.1802667	149.5552667	10.8336	68.81893333	1506.108933
Acetic acid	B	110.48382	140.6874767	51.98123667	37.25557333	18.59150333	7.839313333	36.75556667	403.59449
Fumaric acid	B	0.72162	0	2.686053333	1.967573333	0	2.196813333	13.68558333	21.25764333
DL-Malic acid	B	458.7984	39.8606	129.1137	24.3808	0	43.7858	381.6322667	1077.571567
Calcium	B	28.9	30.25	49.26	51.42	288.75	28.23	50.39	527.2
Pyrophosphoric acid	A								
Polyphosphoric acid	A								
Metaphosphoric acid	A								
Orthophosphoric acid	A	83.1762	168.641	128.198	372.128	411.62	31.1466	154.8426	1349.7524
Aluminum	B	1.3718376	0.6255048	0.224651733	0.454680533	0.042534067	1.056276	1.389673233	5.165157967
Iron	B	0.5248836	0.735888	0.983156567	1.543261867	0.173566433	0.377069467	1.394365433	5.732191367
Magnesium	B	16.41	37.04	42.78	31.95	27.11	10.59	37.4	203.28
Nordihydroguaiaretic acid	B	0	0	0	0	0	0	0	0
Naringin	B	0	0	0	0	0	0	0	0
Hesperidine	B	4.15068228	0	0	0	0	0	15.88450466	20.03518694
Kojic acid	B	0	0	0	0	0	0	0	0
L-Asparagine	B	9.22914	0.7	97.9799	0	0	11.37528	80.94045	200.22477
L-Glutamine	B	0	0.45993	67.30395	0.51328	0	3.56606	312.0313	383.87452
L-Arginine	B	48.31056	6.1324	66.11354	0.307968	0	3.34036	71.08683	195.291658
L-Cystine	B	0	0	0.45785	0	0	0	1	1.4
L-Serine	B	43.18326	3.0662	28.66141	1.6	0.267553	2.34728	34.25306	113.378763
L-Hydroxyproline	B	0.6	0	0	1.53984	0.5	0.13542	0	2.77526
L-Tyrosine	B	7.86186	3.3	31.77479	1.41152	1.85229	2.12158	11.1	59.5
L-Proline	B	49.10814	2.45296	22.98407	36.44288	5.7	3.29522	46.922	166.90527
L-Leucine	B	56.17242	5.21254	45.05244	57.23072	5.55687	2.39242	28.1532	199.77061

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