

Table 12. Limits of detection (µg/g) (samples of 20-64 year olds)

Compound	Group A/B *	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
Aspartame	A	1	1	1	1	1	1	1
Xylitol	B	10	10	10	10	10	10	10
Glycyrrhizine	B	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Sodium saccharin	A	0.1	0.2	0.2	0.2	0.2	0.2	0.2
D-Sorbitol	B	10	10	10	10	10	10	10
D-Mannitol	B	10	10	10	10	10	10	10
Amaranth	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Erythrosine	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Allura red AC	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
New coccine	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Phloxine	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Rose bengale	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Acid red	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Tartrazine	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Sunset yellow FCF	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Fast green FCF	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Brilliant blue FCF	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Indigo carmine	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Titanium dioxide	B	1	1	1	1	1	1	1
β-Carotene	B	0.005	0.01	0.01	0.01	0.01	0.01	0.01
Norbixine	A	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Sulfurous acid	B	0.05	1	1	1	0.5	1	1
Benzoic acid	A	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Sorbic acid	A	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Dehydroacetic acid	A	0.15	0.15	0.15	0.15	0.15	0.15	0.15
Isobutyl <i>p</i> -hydroxybenzoate	A	0.05	0.1	0.1	0.1	0.05	0.1	0.1
Isopropyl <i>p</i> -hydroxybenzoate	A	0.05	0.1	0.1	0.1	0.05	0.1	0.1
Ethyl <i>p</i> -hydroxybenzoate	A	0.05	0.1	0.1	0.1	0.05	0.1	0.1
Butyl <i>p</i> -hydroxybenzoate	A	0.05	0.1	0.1	0.1	0.05	0.1	0.1
Propyl <i>p</i> -hydroxybenzoate	A	0.05	0.1	0.1	0.1	0.05	0.1	0.1
Propionic acid	B	0.2	0.4	0.4	0.4	0.2	0.4	0.4
EDTA	A	0.5	1	1	1	1	1	1
Erythorbic acid	A	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Isopropyl citrate	A	0.5	0.5	0.5	0.5	0.5	0.5	0.5
L-Cysteine	B	2	3	3	3	2	3	3
Butylated hydroxytoluene (BHT)	A	0.025	0.05	0.05	0.05	0.025	0.05	0.05

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d- α -Tocopherol	B	0.01	0.01	0.01	0.01	0.01	0.01	0.01
d- β -Tocopherol	B	0.01	0.01	0.01	0.01	0.01	0.01	0.01
d- γ -Tocopherol	B	0.01	0.01	0.01	0.01	0.01	0.01	0.01
d- δ -Tocopherol	B	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Butylated hydroxyanisole (BHA)	A	0.025	0.05	0.05	0.05	0.025	0.05	0.05
Propyl gallate	A	0.5	1	1	1	0.5	1	1
Nitrite	B	1	0.05	0.05	0.05	0.05	0.05	0.05
Nitrate	B	0.5	1	1	1	0.5	1	1
Imazaril	A	0.001	0.002	0.002	0.002	0.001	0.002	0.002
<i>o</i> -Phenylphenol	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Diphenyl	A	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Thiabendazole	A	0.0002	0.0004	0.0004	0.0004	0.0002	0.0004	0.0004
L-Aspartic acid	B	0.5	1	1	1	0.5	1	1
DL-Alanine	B	0.5	1	1	1	0.5	1	1
Disodium 5'-inosinate	B	0.2	0.4	0.4	0.4	0.2	0.4	0.4
Disodium 5'-uridylate	B	0.2	0.4	0.4	0.4	0.2	0.4	0.4
Disodium 5'-guanylate	B	0.2	0.4	0.4	0.4	0.2	0.4	0.4
Glycine	B	0.5	1	1	1	0.5	1	1
L-Glutamic acid	B	0.5	1	1	1	0.5	1	1
Disodium 5'-cytidylate	B	0.2	0.4	0.4	0.4	0.2	0.4	0.4
L-Theanine	B	0.5	1	1	1	0.5	1	1
L-Isoleucine	B	0.5	1	1	1	0.5	1	1
L-Tryptophan	B	0.5	1	1	1	0.5	1	1
L-Threonine	B	0.5	1	1	1	0.5	1	1
L-Valine	B	0.5	1	1	1	0.5	1	1
L-Histidine	B	1	2	2	2	1	2	2
L-Phenylalanine	B	1	2	2	2	1	2	2
DL-Methionine	B	0.5	1	1	1	0.5	1	1
L-Lysine	B	0.5	1	1	1	0.5	2	2
L-Ascorbic acid	B	0.1	0.1	0.1	0.1	0.1	0.1	0.1
L-Ascorbyl stearate	A	0.4	0.4	0.4	0.4	0.4	0.4	0.4
L-Ascorbyl palmitate	A	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Thiamine	B	0.05	0.01	0.01	0.01	0.01	0.01	0.01
Riboflavin	B	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Glycerol	B	10	20	20	20	10	20	20
Dimethylpolysiloxane	A	1	1	1	1	1	1	1
Propylene glycol	A	1	2	2	2	1	2	2
Adipic acid	B	0.5	0.5	0.5	0.5	0.5	0.5	0.5

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Citric acid	B	10	10	10	10	10	10	10
Gluconic acid	B	5	5	5	5	5	5	5
Succinic acid	B	10	10	10	10	10	10	10
L-Tartaric acid	B	10	10	10	10	10	10	10
Lactic acid	B	10	10	10	10	10	10	10
Acetic acid	B	10	20	20	20	10	20	20
Fumaric acid	B	1	1	1	1	1	1	1
DL-Malic acid	B	10	10	10	10	10	10	10
Calcium	B	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Pyrophosphoric acid	A							
Polyphosphoric acid	A							
Metaphosphoric acid	A							
Orthophosphoric acid	A	20	20	20	20	20	20	20
Aluminum	B	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Iron	B	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Magnesium	B	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Nordihydroguaiaretic acid	B	0.5	1	1	1	1	1	1
Naringin	B	5	5	5	5	5	5	5
Hesperidine	B	5	5	5	5	5	5	5
Kojic acid	B	0.5	0.5	0.5	0.5	0.5	0.5	0.5
L-Asparagine	B	20	2	2	2	1	2	2
L-Glutamine	B	40	2	2	2	1	2	2
L-Arginine	B	0.5	1	1	1	0.5	1	1
L-Cystine	B	0.5	1	1	1	0.5	1	1
L-Serine	B	0.5	1	1	1	0.5	1	1
L-Hydroxyproline	B	1	2	2	2	1	2	2
L-Tyrosine	B	0.5	1	1	1	0.5	1	1
L-Proline	B	1	2	2	2	1	2	2
L-Leucine	B	0.5	1	1	1	0.5	1	1

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