

**Table 16. Comparison of determined levels (µg/g) in collaborative study.**

| Item             | Sample<br>(food/age category) | Reported level<br>from laboratories | Determined level<br>from TMRL |
|------------------|-------------------------------|-------------------------------------|-------------------------------|
| Sodium saccharin | IV (20-64)                    | 1.89                                | 1.72                          |
|                  | VII(20-64)                    | 0.74                                | 0.54                          |
| Sorbic acid      | IV (20-64)                    | 51.4                                | 50.7                          |
|                  | VI (20-64)                    | 21.5                                | 22.1                          |
| Propylene glycol | I (20-64)                     | 24                                  | 26                            |
|                  | II (65- )                     | 46                                  | 17                            |

TMRL: Tokyo Metropolitan Research Laboratory of Public Health

#### Amino acids

| Food/age category   | III (20-64) |     |     | IV (20-64) |     |      |      |
|---------------------|-------------|-----|-----|------------|-----|------|------|
| Sample              | A           | B   |     | B          | A   | B    |      |
| Analysis laboratory | A           | B   | A   | B          | A   | B    | A    |
| Sample              |             |     |     |            |     |      |      |
| ASP                 | 637         | 531 | 488 | 145        | 160 | 145  | 157  |
| THR                 | 218         | 196 | 205 | 116        | 13  | 149  | 152  |
| SER                 | 350         | 288 | 300 | 90         | 10  | 109  | 113  |
| GLU                 | 1400        | 908 | 963 | 728        | 940 | 720  | 789  |
| GLY                 | 129         | 133 | 130 | 741        | 648 | 663  | 688  |
| ALA                 | 313         | 300 | 292 | 703        | 780 | 539  | 544  |
| VAL                 | 383         | 364 | 331 | 183        | 265 | 173  | 179  |
| CYS                 | 5           | nd  | nd  | nd         | nd  | nd   | 1.1  |
| MET                 | 172         | 143 | 140 | 113        | 165 | 104  | 115  |
| ILE                 | 228         | 266 | 245 | 115        | 175 | 121  | 116  |
| LEU                 | 551         | 497 | 488 | 234        | 403 | 236  | 297  |
| TYR                 | 393         | 320 | 334 | nd         | 17  | 37   | 61   |
| PHE                 | 521         | 432 | 435 | 138        | 232 | 142  | 180  |
| LYS                 | 808         | 544 | 550 | 190        | 233 | 227  | 216  |
| HIS                 | 177         | 147 | 144 | 1046       | 948 | 1077 | 1050 |
| ARG                 | 811         | 364 | 645 | 48         | 3   | 141  | 242  |
| PRP                 | 264         | 212 | 231 | 119        | 63  | 242  | 278  |

A: Designated laboratory, B: Tokyo Metropolitan Research Laboratory of Public Health