

**Table 3. Hazard quotients (HQ) and  $\Sigma$ HQ for 13 rodent diets used worldwide.**

| Hazard Quotient (HQ)        | Pesticides        |                    |              |                   |              |           |           | Metals |      |     |     | Dioxins+PCBs               |               | $\Sigma$ HQ |
|-----------------------------|-------------------|--------------------|--------------|-------------------|--------------|-----------|-----------|--------|------|-----|-----|----------------------------|---------------|-------------|
|                             | Pyrimiphos methyl | Piperonyl butoxide | Deltamethrin | Glyphosate + AMPA | Chlorpyrifos | Metalaxyl | Malathion | Pb     | Cd   | Hg  | As  | $\Sigma$ PCDD/Fs + DL-PCBs | $\Sigma$ PCBi |             |
| 4RF21 (Italy)               | 18.8              | 0.3                | 0.7          | 0                 | 0            | 0         | 0         | 2.2    | 12.6 | 0   | 0   | 2.7                        | 3.3           | 40.5        |
| TD.2016 (Italy)             | 22.5              | 0                  | 0            | 0                 | 0            | 0         | 0         | 1.8    | 5.6  | 0   | 0   | 2.8                        | 3.0           | 35.6        |
| NUVILAB CR1 (Brazil)        | 2.9               | 0                  | 0            | 0.1               | 0.4          | 0         | 0         | 1.8    | 9.8  | 0   | 0   | 2.8                        | 5.1           | 22.8        |
| S8106-S011 (Germany)        | 3.5               | 0.1                | 0            | >0                | 0.1          | 0         | 0         | 3.8    | 7.0  | 0   | 0   | 3.2                        | 9.5           | 27.1        |
| Purolab 22P (Brazil)        | 1.9               | 0                  | 0            | 0                 | 0.1          | 0         | 0         | 4.2    | 4.2  | 0   | 0   | 2.8                        | 2.7           | 15.8        |
| R94 (New Zealand)           | 3.6               | 0                  | 0            | >0                | 0            | 0         | 0         | 2.0    | 4.2  | 0   | 0   | 2.9                        | 3.7           | 16.3        |
| Belmill Mice pencil (Kenya) | 2.4               | 0                  | 0            | 0                 | 0.1          | 0         | 0.3       | 8.1    | 5.6  | 0   | 0   | 3.0                        | 3.2           | 22.6        |
| LabDiet 5002 (USA)          | 0                 | 0                  | 0            | >0                | 0            | 0         | 0         | 1.8    | 7.0  | 0   | 0   | 3.9                        | 4.5           | 17.3        |
| HFK 1022 (China)            | 0                 | 0                  | 0            | 0                 | 0            | 0         | 0         | 1.8    | 14   | 0.9 | 0   | 2.7                        | 3.0           | 22.5        |
| 801151 RM1 (England)        | 0                 | 0                  | 0            | 0                 | 0            | 0         | 0         | 6.2    | 5.6  | 0   | 0   | 2.8                        | 3.6           | 18.1        |
| 7913 NIH 31 (USA)           | 0                 | 0                  | 0            | 0                 | 0            | 0         | 0         | 1.8    | 5.6  | 0   | 0   | 7.0                        | 9.8           | 24.2        |
| A04 (France)                | 0.3               | 0                  | 0            | 0                 | 0            | 0         | 0         | 0      | 5.6  | 0.9 | 4.7 | 4.2                        | 5.5           | 21.1        |
| V1326-000 (Germany)         | 0                 | 0                  | 0            | >0                | 0            | 0         | 0         | 3.5    | 8.4  | 0   | 0   | 2.6                        | 4.7           | 19.1        |

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