### Supplementary Table 1. Standard food composition.

| Number | Inspection item | Test result (%) | Test method          |
|--------|-----------------|-----------------|----------------------|
| 1      | Crude protein   | 19.7            | GB/T6432-1994 7.2    |
| 2      | Coarse fiber    | 3.0             | GB/T6434-2006       |
| 3      | Coarse ash      | 5.94            | GB/T6438-2007       |
| 4      | Calcium         | 1.17            | GB/T6436-2018       |
| 5      | Total phosphorus| 0.89            | GB/T6437-2002       |
| 6      | Crude fat       | 5.3             | GB/T6433-2006 9.3   |
| 7      | Water           | 9.5             | GB/T6435-2014 8.1   |

Supplied by the manufacturer company: Beijing Keao Xieli Feed Co., Ltd. (Beijing Chaoyang district, Yangshan road, number 4).

*The standard food provides 3.1 kcal/kg of energy.*